

GRAIN & FEED JOURNALS

CONSOLIDATED

A Merger of Grain Dealers Journal, American Elevator & Grain Trade, Grain World and Price Current-Grain Reporter

Vol. XCVIII, No. 1

Chicago 4, Ill., U. S. A., January 8, 1947

Price \$2.00 Per Year, 25 Cents Per Copy



New Peavey Elevator at Lily, S. D.
[For description see page 15]

Directory of the Grain Trade

In Organized Markets Only Members of the Local Grain Exchange Will Be Listed

HAVING YOUR name in this directory will introduce you to many old and new firms during the year, whom you do not know or could not meet in any other way. Many new concerns are looking for connections, seeking an outlet or an inlet, possibly in your territory. It is certain that they turn to this recognized Directory, and act upon the suggestions it gives them. The cost is only \$12 per year for 24 insertions.

AMARILLO, TEXAS

Grain Exchange Members

Burrus Panhandle Elevators, public storage mdsing.*
Colley Grain Co., Receivers, Shippers All Grain.
Kearns Grain & Seed Co., grain, field seeds.*
Producers Grain Corp., federal bonded warehouse.*
Uhlmann Grain Co., Grain Merchants, Brokers.

BALTIMORE, MD.

Chamber of Commerce Members

Beer & Co., Inc., E. H., grain, hay, seeds.*
Legg & Co., Est. 1878, grain receivers, shippers.

BUFFALO, N. Y.

Corn Exchange Members

American Elvtr. & Grain Div., recrs., shprs., consmts.*
Bison Grain Co., consignments, brokerage.*
Cargill, Incorporated, grain merchants.*
Lewis Grain Corporation, consignments.*
McKillen, Inc., J. G., consignments.*
Wood Grain Corp., consignments, brokerage.*

CEDAR RAPIDS, IOWA

Federal-North Iowa Grain Co., country run grain.*
Wildier Grain Co., grain merchants.*

CHICAGO, ILL.

Board of Trade Members

Continental Grain Co., grain merchants.*
Holt & Co., Lowell, commission, grain and seeds.*
Lamson Bros. & Co., grain, stocks, provisions.*
Norris Grain Co., grain merchants.*
Quaker Oats Co., grain merchants.*
Uhlmann Grain Co., grain merchants.*

CLEVELAND, OHIO

The Bailey Cain Co., shpr. grain, mill'd, protein feeds.*
The Cleveland Grain Co., home office.*

COLUMBUS, OHIO

Cummings & McAllister, brokers, grain, feed, oil.*
Dill Grain Co., L. J., mchts.-brokers, grain, beans, feeds.*

CINCINNATI, OHIO

The Early & Daniel Co., grain and feed service.*

DALLAS, TEXAS

Crouch Grain Co., J. C., buyers wheat, corn, oats.*

DECATUR, ILL.

Baldwin Elevator Co., grain merchants.*
Barkley Grain Co., buyers, sellers, grains, soybeans.*
Evans Grain Co., grain, Chicago B. of T. Members.*

DODGE CITY, KANS.

Dodge City Term. Elvtr. Co., bonded storage mchdrs.*

ENID, OKLA.

Board of Trade Members

Continental Grain Co., operating 2,000,000 bu. elvtr.
Enid Elevator Corp., operating Enid Terminal Elvtr.
Feuquay Grain Co., optrs., country elvtrs., gr. mdsng.*
General Grain Co., Terminal elevator, grain merchants.

*Members Grain & Feed Dealers National Assn.

E. R. Humphrey Grain Co., grain merchants.*

Johnston Grain Co., W. B., wheat, coarse gr., fld. seeds.*
The Salina Terminal Elev. Co., milling wheat.

FARWELL, TEXAS

Henderson Grain & Seed Co., field seed and grain.

FORT WORTH, TEXAS

Grain and Cotton Exchange Members

Paul Allison Co., grn. merch., millo, kafir, field seeds.*
Frank Bailey Grain Co., originators millo kafir corn.
Brackett Grain Co., brokerage, consignments.*
Blewett Grain Co., G. E., brokerage, commission.*
Carter Grain Co., C. M., brokerage and consignments.
Continental Grain Co., grain merchants.
Herman Dawson, merchandisers, grain seeds.
Producers Grain Corp., federal bonded warehouse.
Transit Grain Co., grains, seeds, concentrates, minerals.*
Uhlmann Elevators Co. of Tex., mdsng., public storage.*

GALVESTON, TEXAS

Thomas F. Shaw, export grain, brokerage, forwarding.

HUTCHINSON, KAN.

Farmers Co-Operative Comm. Co., grain storage.
Midwest Grain Co., grain merchants, country elvtrs.*

INDIANAPOLIS, IND.

Board of Trade Members

Cleveland Grain Co., grain commission.*

KANSAS CITY, MO.

Board of Trade Members

Bates Grain Co., receivers and shippers.*
B. C. Christopher & Co., cash grain futures, securities.*
Davis-Noland-Merrill Grain Co., grain merchants.*
Kansas Elevator Co., mlg. wheat, corn, oats, barley.*
Lathrop Grain Corporation, domestic & export grain.
Meservey O'Sullivan Grain Co., gr. mchts., consgmts.*
Mid-Continent Grain Co., wheat, kafir, barley, etc.
Moore-Seaver Grain Co., grain merchants.*
Norris Grain Co., grain merchants.*
Scouler-Bishop Grain Co., grain mchts., consignments.*
Simonds-Shields-Thels Grain Co., grain merchants.*
Uhlmann Grain Co., grain merchants.*

KNOXVILLE, TENN.

Earle T. Robertson, broker, grains, feeds, ingredients.

LITTLE ROCK, ARK.

C. L. Gordy Co., brokers, grain & grain products.

LOUISVILLE, KY.

Board of Trade Members

Gold Proof Elevator, receivers and shippers.

MCGREGOR, TEX.

*McGregor Milling & Grain Co., grain, seed, seed oats.

MEMPHIS, TENN.

Merchants Exchange Members

Buxton, E. E., broker and commission merchant.*

MILWAUKEE, WIS.

Grain Exchange Members

W. M. Bell Co., commission merchants

Stratton Grain Co., grain merchants.

MINNEAPOLIS, MINN.

Minneapolis Grain Exchange

Bunge Elevator Corp., grain merchants.*
Cargill, Incorporated, milling wheat.*
Scroggins Grain Co., grain merchants.*
Van Dusen-Harrington Co. Grain Merchants*

MONTREAL, CAN.

Bonnier, R., shipper, hay, grain, millfeed.

NEW YORK, N. Y.

Produce Exchange Members

Seaboard Western Grain Corp., grain merchants.*

OMAHA, NEBR.

Grain Exchange Members

Butler-Welsh Co., elevator capacity 3,000,000.*
Taylor Grain Co., cash grain broker.*
United Grain Co., buyers' agents.*

PEORIA, ILL.

Board of Trade Members

Bowen Grain Co., H. D., grain commission.*
Cole Grain Co., Geo. W., receivers and shippers.*
Dewey & Sons, W. W., grain commission.*
Feltman Grain Co., C. H., grain commission.*
J. Younger Grain Co., receivers and shippers.*

PHILADELPHIA, PA.

Commercial Exchange Members

Eastern Commodities Corp., grain dealers, brokers.*
P. R. Markley, receivers, shippers.*
Tidewater Grain Co., receivers, shippers.*

PITTSBURGH, PA.

Member Grain and Hay Exchange

Rogers & Co., Geo. E., receivers, shippers.*

PONTIAC, ILL.

Balbach, Paul A., grain buyers, all markets.

ST. JOSEPH, MO.

Grain Exchange Members

Ken Clark Grain Co., consignments and brokerage.*
Dannen Mills, grain merchants, consignments.*
Gelger & Graham Grain Co., receivers, shippers.*
Stratton Grain Co., grain merchants.*

ST. LOUIS, MO.

Merchants Exchange Members

Anheuser-Busch, Inc., feed grains.*
Fuller-Woodridge Com. Co., gr. & millets, all kinds.*
Dan Mullally Grain Co., everything in grain.*
Nanson Commission Co., grain commission.*
Service Grain Co., grain commission merchants.*
Terminal Grain Co., grain, soybeans, consignments.*

SALINA, KANS.

Simpson-Romelsner-Evans Grain Co.*

SIDNEY, OHIO

E. T. Custerbender & Co., carlot distributors.*

Wells Co., The J. E., wholesale grain.*

SIOUX CITY, IOWA

Grain Exchange Members

Flanley Grain Co., grain merchants.*

SULLIVAN, ILL.

Labor Grain & Feed Co., grain & feed merchandisers.*

TOLEDO, OHIO

Board of Trade Members

Rice Grain Co., "Oats Specialists."*

WELLINGTON, KANS.

Wolcott & Lincoln, Inc., opers. Wellington Term. Elvtr.*

WICHITA, KANS.

Board of Trade Members

Adair Grain Co., grain merchants.*

WINCHESTER, IND.

Goodrich Bros. Co., wholesale grain and seeds.*

RECEIVERS, SHIPPERS AND BROKERS

Nanson Commission Co.
Grain—Hay—Seeds
202 Merchants Exchange Bldg.
ST. LOUIS, MO.

E. H. BEER & CO., INC.
GRAIN
Baltimore, Md.

LUKE Co., Inc.
Solicits Your Peoria Business
Consign Your Corn to Us
PEORIA, ILLINOIS

RECEIVERS GRAIN SHIPPERS
• **W. W. DEWEY & SONS** •
CONSIGN TO DEWEY
PEORIA

STRATTON GRAIN CO.

GRAIN AND FEED MERCHANTS

MILWAUKEE, WIS.

Chicago, Ill. St. Joseph, Mo. New York, N. Y. Schneider, Ind. Des Moines, Iowa
MILL FEEDS — FEED PROUDCTS — BY-PRODUCTS
Consignments and Future Orders Solicited

Grain & Feed Journals Consolidated, a merger of Grain Dealers Journal (Est. 1898), American Elevator & Grain Trade (Est. 1882), Grain World (Est. 1928), and Price-Current Grain Reporter (Est. 1844); Published on the 2nd and 4th Wednesday of each month in the interest of progressive wholesalers in grain, feed and field seed. 327 South La Salle Street, Chicago 4, Illinois, U. S. A. Price \$2.00 per year. 25c per copy. Entered as second class matter November 27, 1930, at the Post Office in Chicago, Ill., under the Act of March 3, 1879. Vol. XCVIII, No. 1, January 8, 1947.

Board of Trade
Members**KANSAS CITY**Board of Trade
Members**SIMONDS-SHIELDS-THEIS GRAIN CO.**
GRAIN MERCHANTS

ELEVATOR CAPACITY, 4,000,000 BUSHELS

Frank A. Theis, President

F. J. FitzPatrick, Vice President

F. L. Rosenbury, Secy-Treas.

UHLMANN GRAIN CO.
CHICAGO KANSAS CITY

Private Wires to All Commodity Markets

Elevator Capacity including subsidiaries Over 15 Million Bushels

Lathrop
GRAINW. B. LATHROP,
President
E. B. REINER,
Exec. Vice-Pres.
DAVID M. HYMAN,
Vice-Pres.**C O R P O R A T I O N**

BOARD OF TRADE BLDG., KANSAS CITY, MO.

domestic and export grain

Safety**Sample Envelopes**for mailing samples of grain, feed and seed. Made of heavy kraft paper, strong and durable. Grain size, $4\frac{1}{2} \times 7$ inches, \$2.60 per hundred, 500, \$12.00. Seed size, $3\frac{1}{2} \times 5\frac{1}{4}$ inches, \$2.15 per hundred, 500, \$8.75, plus postage.**GRAIN & FEED JOURNALS**

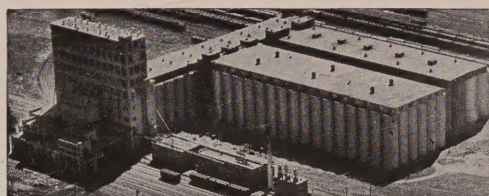
Consolidated

327 S. La Salle St., Chicago 4, Ill.

DAVIS-NOLAND-MERRILL GRAIN CO.

Board of Trade

Kansas City, Mo.



Operating

SANTA FE ELEVATOR "A"

10,200,000 BUSHELS

Modern Fireproof Storage

Leaking Car Report Blanksbear a reproduction of a box car and a form showing all points at which a car might leak, thus facilitating reporting specific places where cars showed leaks at destination. One of these blanks should be sent with papers for each car with the request that it be properly filled out and returned in case of any signs of leakage. Printed on Goldenrod bond, size $5\frac{1}{2} \times 8\frac{1}{2}$ inches, and put up in pads of 50 blanks. Order Form 5. Weight, 3 ounces. Price, 55c a pad; four for \$1.65. Prices f. o. b. Chicago.**GRAIN & FEED JOURNALS**

Consolidated

327 S. La Salle St., Chicago 4, Ill.

**DO IT NOW**

Place your name and business before the progressive grain elevator men of the entire country by advertising in the Grain & Feed Journals Consolidated. It reaches them twice each month.

By mentioning the Grain & Feed Journals of Chicago when writing its advertisers you help it to more efficient work in improving grain trade conditions.

Grain Exchange
Members**OMAHA**Grain Exchange
Members**BUTLER-WELSH GRAIN COMPANY***Grain Commission Merchants*

THREE MILLION BUSHEL CAPACITY

Phone Atlantic 2900

Offices, 516-521 Grain Exchange Bldg., OMAHA, NEBRASKA

Corn Exchange
Members**BUFFALO**Corn Exchange
Members**American Elevator & Grain Division**

Russell Miller Milling Company

RECEIVERS, SHIPPERS AND ELEVATOR OPERATORS

CONSIGNMENTS SOLICITED

*Our System of Terminal Elevators, enables us to give prompt service and reliable quality on coarse grains, durums and protein milling wheats.***Lewis Grain Corp.***A good firm to consign to*

Corn—Oats—Soft Wheat—Barley

BUFFALO NEW YORK

Wood Grain Corp.

CONSIGNMENTS—BROKERAGE

BUFFALO, 2, N. Y.

BISON GRAIN CORP.

GRAIN & FEED MERCHANTS

CONSIGNMENTS — BROKERAGE

BUFFALO 2, N. Y.

J. G. McKILLEN, INC.

RECEIVERS

Consignments a Specialty

BUFFALO NEW YORK

Board of Trade
Members**CHICAGO**Board of Trade
Members**LAMSON BROS. & CO.**

2200 Board of Trade

Established 1874

Chicago, Ill

*"72 years of continuous service in the grain trade"***GRAIN — BEANS
STOCKS — BONDS
COTTON — BUTTER
EGGS—PROVISIONS****CONTINENTAL GRAIN COMPANY**

141 W. JACKSON BLVD., CHICAGO

PRODUCE EXCHANGE, NEW YORK

RECEIVERS — SHIPPERS — EXPORTERS

MEMBERS OF ALL LEADING COMMODITY EXCHANGES

TERMINAL ELEVATORS

CHICAGO • ST. LOUIS • ENID • KANSAS CITY • OMAHA

CIPHER CODES

We carry the following cipher codes in stock.

Universal Grain Code, board cover...\$1.00

Robinsons Cifer Code, latest edition... 2.00

Miller's Code (1936), cloth..... 2.00

Cross Telegraphic Cipher (10th edition) 4.00

A. B. C. Code, 5th Ed., with sup.... 20.00

Baltimore, Export Cable Code.....15.00

Bentley's Complete Phrase Code....10.00

All prices are f. o. b. Chicago

GRAIN & FEED JOURNALS

Consolidated

327 S. La Salle St. Chicago 4, Ill.

**HERE'S YOUR MARKET
FOR HIGH QUALITY GRAINS!****The Quaker Oats Company**

GRAIN DEPT., CHICAGO, ILLINOIS

Continuous Buyers of Oats, Wheat, Corn, Barley**Car Order Blanks—duplicating**

A formal printed requisition for cars deprives station agent of any excuse for forgetting. Shipper's carbon copy of order is admissible evidence in case of controversy over damages caused by carrier's delay.

These blanks are in books of 50 originals of blue bond paper, perforated so they will tear out easily, and 50 manila duplicates. Well bound with heavy pressboard, hinged top cover; two sheets of carbon. Size 7¼x5½. Weight, 8 ounces. Order Form 222 CO. Single copy, 65c; three copies, \$1.75, plus postage.

Grain & Feed Journals Consolidated

327 So. La Salle St., Chicago 4, Ill.

Commercial Exchange
Members**PHILADELPHIA**Commercial Exchange
Members**P. R. MARKLEY**

Bourse Bldg., Philadelphia 6, Pa.

GRAIN and FEED**Receivers - Shippers
Forwarders - Jobbers**

Members

Chicago Board of Trade
Minneapolis Chamber of Commerce

Correspondents

James E. Bennett & Company

P. R. MARKLEY P. W. MARKLEY

Members Chicago Board of Trade

**EASTERN COMMODITIES
CORPORATION****Grain Dealers and Brokers****BOURSE BUILDING, PHILADELPHIA
6, PA.**

R. J. BARNES, President

F. J. FABER, Vice-President

W. P. JONES, Secretary

C. E. DONEGAN, Treasurer

Cable Address "RAYBAR"

**TIDEWATER
GRAIN COMPANY****Receivers—Shippers—Exporters
Export and Domestic Forwarders**Members all leading Exchanges
Established 1927Bourse Building, Philadelphia 6, Pa.
Chamber of Commerce, Baltimore 2, Md.Grain Exchange
Members**MINNEAPOLIS**Grain Exchange
Members

ON THE JOB

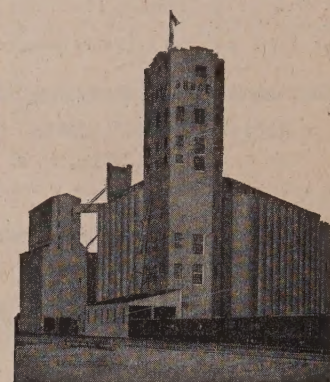


**Coast-to-Coast
GRAIN SERVICE**

- ✓ INSTANT COMMUNICATION
WITH ALL MARKETS
- ✓ SPECIALISTS FOR EACH KIND
OF GRAIN
- ✓ UNEQUALLED FACILITIES FOR
HANDLING, STORING, SHIPPING

CARGILL
INCORPORATED

Offices in Minneapolis and All Principal Markets

*Shippers of***WHEAT, RYE, CORN and OATS
FEED WHEAT and FEED BARLEY****CORN OATS BARLEY WHEAT****Grain Receivers and Shippers****TERMINAL ELEVATOR CAP. 15,000,000 BUS.**

Our large system of Terminals and country lines, enables us to quote attractive prices and give prompt service on all classes of feed and milling grain.

Van Dusen Harrington Company

MINNEAPOLIS

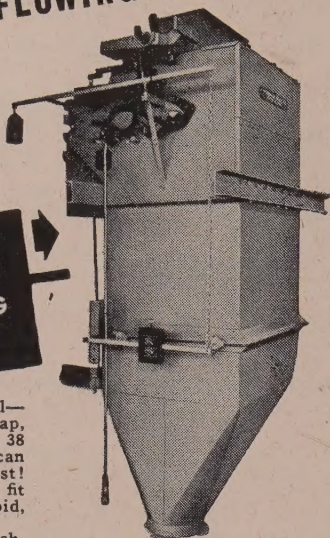
Business Founded in 1852

DULUTH

**BUNGE
CORPORATION**280 GRAIN EXCHANGE BUILDING
MINNEAPOLIS, MINNESOTA**Have You An Elevator For Sale?****Do You Wish To Buy An Elevator?****See our "Elevator For Sale—Wanted" Department This Number**

FAST for ANY NON-FREE FLOWING MATERIAL Model G-38 Richardson Feed Bagging Scale

One of the Many
Richardson Scales for
MATERIALS HANDLING
BY WEIGHT



Name your non-free flowing material—dry, ground feeds, meals, meat scrap, distillers' grains, etc.—and a Model 38 Richardson Feed Bagging Scale can be adapted to handle it . . . fast! Versatility of feeding methods to fit individual application, assures rapid, steady feed of grains.

• Model G-38 is equipped with a brush-sealing, radial, feed gate, automatically opened by counter weights and closed by the balanced material.

• Model G-38 is provided with a compensating poise for easy adjustment.

• Model G-38 is the sturdily constructed, enclosed, external-lever type of scale . . . designed for minimum of maintenance and maximum of wear.

Write for new bulletin No. 9646. It gives feed arrangement diagrams, dimensions, and accessories available for special applications.

1799

RICHARDSON SCALE COMPANY

CLIFTON, N. J.

Atlanta • Boston • Buffalo • Chicago • Omaha • Montreal • New York
Philadelphia • San Francisco • Toronto • Wichita • Minneapolis

**WHERE THE
GRAIN DUST'S
THICKEST—MAKE
MINE DUPOR No. 4**

DUPOR No. 4 for grain dusts provides "Original Twins," double filter protection. Foldable, reversible—fits any face! Has approved face cloth for comfort. Weighs 4 ounces. Conversation easy. Has prize-winning Modern Plastics filter caps and check valves. It's patented too!

Sample sent postpaid for \$1.65

H. S. COVER

74 Chippewa St. South Bend, Ind.



Daily **MARKET RECORD**

A boon to the grain dealer who keeps a convenient, permanent record of daily market quotations for ready reference.

This book provides spaces for recording hourly quotations on Wheat, Corn, Oats, Soybeans, Rye, and Barley. Spaces for a week's markets on a sheet; sixty sheets in a book. Order Form CND improved 97-6. Shipping Weight, 2 pounds. Price \$1.10, plus postage.

Grain & Feed Journals

327 S. La Salle St.,

Consolidated
Chicago 4, Ill.

DUST IS DYNAMITE!

It Must Be Handled With Care

Dust can be controlled. Engineering service is a part of Mill Mutual Insurance and our dust control bulletins and engineering data are offered without obligation to the milling and grain trade.

MILL MUTUAL FIRE PREVENTION BUREAU

400 WEST MADISON STREET
CHICAGO 6, ILLINOIS

Grain Receiving Books

GRAIN RECEIVING REGISTER for recording loads of grain received from farmers. It contains 200 pages of ledger paper 8 1/2 x 13 3/4 inches, capacity for 8,200 loads. Some enter loads as received, others assign a page to each farmer, while others assign sections to different grains. Bound in strong board covers, canvas back. Headings of columns are: "Date, Name, Kind of Grain, Gross, Tare, Net, Bushels, Pounds, Price, Amount, Remarks." Weight, 2 1/4 lbs. Order Form 12AA. Price \$3.10, plus postage.

WAGON LOADS RECEIVED has columns headed: "Month, Day, Name, Kind, Gross and Tare, Net Pounds, Bushels, Pounds, Price, Dollars and Cents, Remarks." Contains 200 pages of ledger paper size 9 1/2 x 12 inches, providing spaces for 4,000 loads. Bound in heavy boards with strong cloth covers and keratol corners and back. Weight, 2 lbs. Order Form 380. Price, \$3.10, plus postage.

RECEIVING AND STOCK BOOK is arranged to keep each kind of grain in separate column so each day's receipts may be easily totaled. It contains 200 pages linen ledger paper size 9 1/2 x 12 inches, ruled for records of 4,000 loads. Well bound in black cloth and keratol back and corners. Shipping weight, 2 1/4 lbs. Order Form 321. Price \$3.10, plus postage.

GRAIN RECEIVING LEDGER has 200 pages linen ledger paper and 28-page index, 8 1/2 x 13 3/4 inches, numbered and ruled for 44 entries. Well bound in pebble cloth with keratol back and corners. Weight, 3 lbs. Order Form 43. Price, \$3.60, plus postage.

GRAIN SCALE BOOK is designed to assign separate pages to each farmer and their names can be indexed so their accounts can be quickly located. It contains 252 numbered pages and 28-page index, of high grade linen ledger paper 10 1/2 x 15 1/4 inches. Each page will accommodate 41 wagonloads. Well bound with heavy board covers with cloth sides and keratol back and corners. Weight, 4 1/2 lbs. Order Form 23. Price \$4.75, plus postage.

Grain & Feed Journals

CONSOLIDATED

327 South La Salle St., Chicago 4, Ill.

IN WIND, RAIN, SNOW OR HAIL • YOUR FREIGHT GETS THERE BY



RAIL!

Facts Favor Your Future in the "Union Pacific West"*

[*Of special interest to the*
Grain Industry]



Fact 1. Since V-J day, hundreds of industrial and commercial concerns have located factories, warehouses and distribution facilities on the Union Pacific right-of-way in the western states served by the railroad.



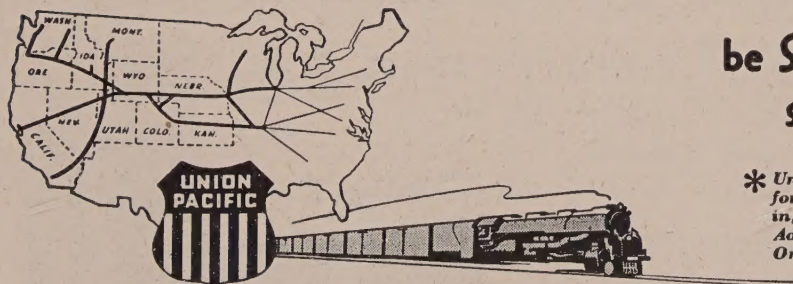
Fact 2. This vast territory is rich in raw materials, natural resources, skilled and unskilled workers...with ideal living conditions, good schools, and plenty of space for future expansion.



Fact 3. Travel surveys show vacationists favor the western area by a wide margin. Result—greater interest in the West leading to permanent residence...growing markets, more manpower for industry.



Fact 4. Over its Strategic Middle Route, uniting the East with the West Coast, Union Pacific provides unexcelled rail transportation.



be Specific -
say "Union Pacific"

* Union Pacific will gladly furnish confidential information regarding available industrial sites having trackage facilities in the territory it serves. Address Industrial Dept., Union Pacific Railroad, Omaha 2, Nebraska.

UNION PACIFIC RAILROAD
The Strategic Middle Route

GRAIN ELEVATOR BUILDERS

SERVING THE MIDWEST

Since 1855

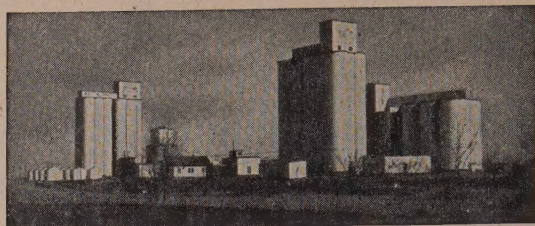
Concrete Grain Elevators
Grain Processing Plants

THE WEITZ COMPANY, INC.

Industrial Engineers and Builders

406 Fleming Bldg.

Des Moines 9, Ia.



CHALMERS & BORTON

Contractors and Engineers
Hutchinson, Kansas

JAMES STEWART CORPORATION

Designers and Builders

Grain Elevators, Feed & Flour Mills, Soya Bean Processing Plants

1844 — 1946

A Century in Engineering and Construction

231 South La Salle Street

Chicago 4, Illinois



Santa Fe Elevator "A"

Kansas City, Kans.

Capacity
10,500,000 Bushels

JOHN S. METCALF CO.

Grain Elevator Engineers and Constructors

105 S. La Salle St., Chicago 3, Ill.

460 St. Helen St., Montreal

12-15 Dartmouth Street, London, England

837 W. Hastings St., Vancouver, B. C.

Jones - Hettelsater Construction Co.

1012 Baltimore Ave. — — Kansas City, Mo.

Designers and Builders

Grain Elevators

Feed and Flour Mills

Malting Plants

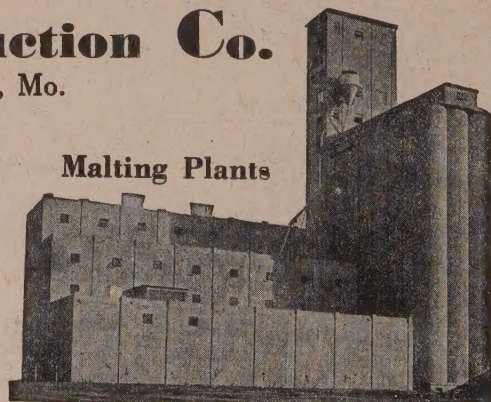
MILLER MALTING COMPANY

LOS ANGELES, CALIF.

Complete Malt Plant Including

Elevator—Kiln House—Germinating Compartments

Designed and constructed by us.



GRAIN ELEVATOR BUILDERS

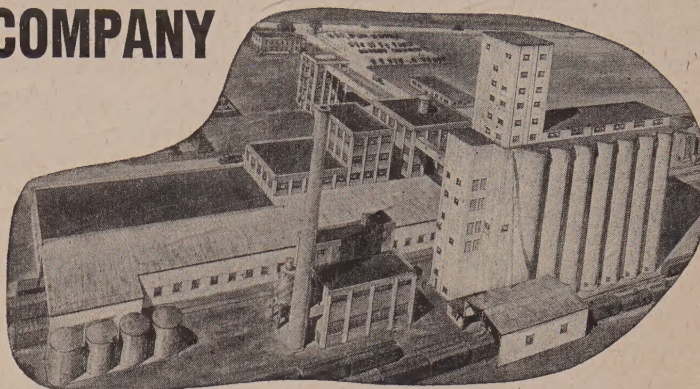
CROSBY CONSTRUCTION COMPANY

ENGINEERS — CONTRACTORS

Specializing in

Soy Bean Processing Plants, Feed Mills,
Grain Elevators, Cement Plants

185 NORTH WABASH AVE.
CHICAGO 1, ILLINOIS



Ibberson Efficiency

—Saves Money—

Builders of: Grain Elevators
Feed Mills
Seed Plants
Coal Plants

Repairing and Remodeling

T. E. IBBERSON CO.
Minneapolis Minnesota

When writing advertisers mention Grain & Feed Journals Consolidated. By so doing you help both yourself and the publication.

JOHNSON SAMPSON CONSTRUCTION COMPANY

Designers and Builders
of
Modern Concrete Grain Elevators
and Annex Storage

328 Woodlawn, Salina, Kansas
Box 912 Phone 659

Grain Elevators, Feed Plants,
Mills and Buildings

E. C. FURRER
Frankfort, Illinois

FELTS & JACK
CONSTRUCTION CO., Inc.
Engineers—Contractors
Fort Wayne, Ind.

NELSON & BEGGS

Consulting Engineers

Grain Elevators, Feed Mills,
Driers, Custom Grinding Plants,
Soya Processing Plants.

8 E. 9th St. Kansas City, Mo.

POLK SYSTEM CONCRETE STORAGES

POLK-GENUNG-POLK CO.

Fort Branch, Indiana

Designers — Contractors

TILLOTSON

CONSTRUCTION CO.

Builders of Elevators and Mills

CONCRETE or WOOD

1215 JONES ST. OMAHA, NEBR.

SANSON & HILDERBRAND

MILL & ELEVATOR
CONTRACTORS

REMODELING

2726 NORTH BROADWAY
COUNCIL BLUFFS, IOWA

Mention
This
Journal

When you write to
any of our Adver-
tisers; you'll get a
prompt reply.

CONCRETE

CONSTRUCTION OF

Grain Elevators—Feed Mills—
Flour Mills—Coal Pockets

RYAN CONSTRUCTION CO.

2606 Taylor Street Omaha, Neb.

Concrete Storage
Bins and Elevators

—216 built prior to 1946—

J. E. REESER & SON
MAROA, ILLINOIS

CONFIRMATION BLANKS

Simple - Complete - Safe

The use of these confirmations makes for safer business. Spaces are provided for recording all essential conditions of each trade.

Fifty confirmations in triplicate, bound with pressboard and wire stitched, size 5 1/2 x 8".

Order form No. 6 CB. Price 85 cts. plus postage. Three copies \$2.25.

GRAIN & FEED JOURNALS Consolidated, 327 S. La Salle Street, Chicago

If you would avoid trade disputes, and differences and prevent expensive errors, use triplicating confirmation blanks. You retain tissue copy, sign and send original and duplicate to customer. He signs one and returns the other.

This places the entire burden for any misunderstanding of your intentions upon the other party and protects you against the expensive misinterpretation of your trades.

EIKENBERRY CONST. CO.

CONTRACTORS—ENGINEERS
GRAIN ELEVATORS—FEED MILLS
SOYA PROCESSING PLANTS

108 E. Mulberry St. Bloomington, Ill.

HOGENSON

Construction Co.

Designers and Builders

Elevators, Feed Mills, Warehouses
REMODELING
Corn Exchange Bldg. MINNEAPOLIS, MINN.

Wanted and For Sale

The rate for advertisements in this department is 30 cents per type line each insertion

ELEVATOR FOR SALE

FOR SALE—Elevator and Feed Mixing Plant well located in Texas. Address 95A9, Grain & Feed Journals, Chicago 4, Ill.

FOR SALE—10,000 bushel Grain Elevator, electric power, 10 ton Wagon Scales, Richardson Automatic Loading Scale. Located in Sedgwick County, Kansas, in heart of Kansas wheat belt. For particulars write R. C. Pugh, Box 1586, Enid, Oklahoma.

FOR SALE

Southern California Feed Mill
Center of agricultural area
22,000 sq. ft. warehouse
Complete modern equipment
6 storage bins, capacity 36 cars
Large trucking area, trackage
Additional land for expansion.

R. A. ROWAN & CO.

458 S. Spring St., Los Angeles 13, Calif.

ELEVATORS WANTED

WANTED—Elevator and feed mill located in good grain and feeding territory. Illinois, Iowa or Indiana preferred. Address 94Z3, Grain & Feed Journals, Chicago 4, Ill.

MALT HOUSE WANTED

MALT HOUSE—User of Malt will buy Malt House with annual capacity of 500,000 bushels or more. All replies confidential. Address 94X3 Grain & Feed Journals, Chicago 4, Ill.

BUSINESS OPPORTUNITY

FOR SALE—Alfalfa Dehydrating Mill. New this season. Good location on Sante Fe RR, or can be moved. E. C. Hall, Moore, Oklahoma.

FOR SALE—55 barrel Flour Mill in British Columbia. 1½ acres in prosperous city, the largest growing area in Brit. Col. Building 36 x 48, 3 story and basement. Attractive climate. Big mill trade to be had. Price \$9,000.00 with good terms in payment with part payment. Home and garden. Write for particulars. Crowston Brothers, Enderby P. O., British Columbia.

ATTENTION LICENSED INSPECTORS

HERE is an opportunity to own and operate your own business. Completely equipped, well established inspection point located in the surplus grain area of Iowa. Operated on a fee basis with excellent income possibilities. Have other interests. Pricing for quick sale. Address 95A11, Grain & Feed Journals, Chicago 4, Illinois.

HELP WANTED

WANTED—MANAGER for new Elevator and Feed Mill Company located in fast growing Colorado community near the mountains. Stockholders consist of local farmers and feeders. Efficient, modern layout and equipment assures good opportunity for right man to produce results for himself and company. Write giving full details of background and experience. Address 95A4, Grain & Feed Journals, Chicago 4, Illinois.

MACHINES FOR SALE

CORN CUTTER & Grader—has motor—used very little. 94A3, Grain & Feed Jrnls., Chicago

FOR SALE—One Vertical Feed Mixer, capacity 1,500 to 2,000. In good condition. \$75.00. Roanoke Elevator Co., Roanoke, Ind.

For Sale—New and used hammer mills; also other milling equipment. H. H. Hussey, Box 162, Albert Lea, Minn.

FEED MIXER—One-ton floor level feed; has motor good as new. Write 94A4, Grain & Feed Journals, Chicago 4, Ill.

HAMMER MILL with 25-HP. motor and all attachments. Priced to sell. Write 94A5, Grain & Feed Journals, Chicago 4, Ill.

FOR SALE—One Monitor No. 10 Large Size Oats Clipper. Good condition, at special bargain price. Bryan Farm Products, Bryan, O.

FEED MIXER for sale, has motor, and a late machine. Need space. Will sacrifice. Write 94A6, Grain & Feed Journals, Chicago 4, Ill.

FOR SALE—Burton Feed Mixer with Motor and Elevator Leg attached. 2,500 lbs. capacity. Krueger Brothers, Forest Junction, Wis.

FOR SALE—Three new No. 1 AS Bear Cat Grinders and one new 145 HP Waukesha Motor. Simpson-Romeiser-Evans Grain Co., Salina, Kans.

When you are in the market for new or used mill machinery—Electric Motors, or any other equipment, write J. E. Hagan Mill Machinery. 1522 E. High St., Jefferson City, Mo.

FOR SALE—1 Wagner 40 H.P. Slip Ring Motor, 3 phase, 60 cycle 1140 R.P.M. Complete with starting equipment.

1 Williams Hammer Mill with 50 H.P. Motor and Starter.
Eaton Milling Company, Eaton, Ohio.

BATES
Grain Company
COARSE GRAIN
MERCHANDISERS & BROKERS
Board of Trade Bldg. Kansas City, Mo.

MACHINES FOR SALE

FOR SALE—2 20x40 V Belt driven Heli Hammer Mills.

1-40 KW Generator.

1-Fox 224 Cutter.

Cole Grain Co., Box 34, Phone 375, Muskogee, Okla.

FOR SALE—One new No. 46 Niagara Dust Collector with galvanized spreader, counter shaft and stockings. Installed but never used, price for immediate delivery \$802.50 f.o.b. Rossville, Kans. Kaw Dehydrating Co., Topeka, Kansas.

FOR SALE—Conveyors including Floor-to-Floor Conveyors, \$395.00; Bag and Box Pilers, \$530.00; 15 ton Truck Scales, \$450.00; 20 ton Truck Scales, \$510.00. Immediate delivery. Parts for all scales. Bonded Scale Co., 120 Bellview, Columbus, Ohio. Phone GA 5712-UN 2832 Evenings.

FOR SALE—Used A. T. Ferrell Co. Super Clipper Cleaners and Screens:

3—Model 2948 B. 2—Model 38 DBB.

1—Model 498 D.

1—Model 38 D "New" never used.

1—Model HV Sutton Steele & Steele Gravity grader.

Garst & Thomas Hybrid Corn Co.,
Coon Rapids, Ia.

FOR SALE—1 60 HP GE 3 phase, 60 cycle, squirrel cage 220 volt motor.

1 60 HP Allis Chalmers squirrel cage motor, 220/440 volts.

New 60 HP, total enclosed, fan cooled, 220/440 volt motors.

New 100 HP, total enclosed, fan cooled 220/440 volt motors.

3 100 HP 440 volt, explosion proof starters.
D. E. Hughes Company, Hopkins, Mich.

FOR SALE—125 KVA 720 RPM 220/3/60 Generator belted 75 HP belted Generator 220/3/60, 72 Dust Collectors, Motors 2, 5, 7½, 10, 25, 30, 40, 50, 60 HP 220/3/60, Draver Feeders, Exact Weight Sacking Scale, ½ bu. Richardson Scale, 10" Belt with 9" Calumet Buckets, "V" Drives, Elevator Legs, Ring Oiling Hanger Bearings, Rebuilt 20 to 40 HP Blue Streak Hammermill, No. 1 Western BB Mill type Corn Sheller, 50 HP Buda Marine Engine, Variable Speed Drives, Grademaker Cleaner, Cleveland Oat Huller, 4 ft. Sidney Drag. What Else Do You Need?

Modern Elevator Supply Co.
Minneapolis, Minnesota

A Trial Order

GRAIN & FEED JOURNALS
CONSOLIDATED

327 So. La Salle St., Chicago, Ill.

Gentlemen:—I wish to try the semi-monthly *Grain & Feed Journals Consolidated* to learn if I can get any helpful suggestions from the opinions, practices and experiences of other grain and feed dealers. Enclosed please find Two Dollars for one year.

Name of Firm.....

Capacity of Elevator

Post Office.....

..... bus.

State.....

Use Universal Grain Code and reduce your Toll

A MERGER OF
GRAIN DEALERS JOURNAL
AMERICAN ELEVATOR & GRAIN TRADE
THE GRAIN WORLD
PRICE CURRENT-GRAIN REPORTER

MACHINES FOR SALE

FOR SALE—4 dbl. stand 9x18 rolls.
 4—dbl. stand 9x16 rolls.
 1—25 dbl. Midget Mill outfit.
 1—No. 1 Gruendler Hammer Mill, no collector.
 1—Cyclone Dust Collector demountable type.
 2—Flour Agitators.
 A Lot of Other Machinery. Ask for Your Need.
 May Have What You Want.
 T. A. McWilliams
 1460 South Second St., Louisville 8, Ky.

FOR SALE—New Allis-Chalmers Motors. All Complete with Red Volt Starter for Immediate Delivery:

40 HP 220 V 1800 BB OT.
 50 HP 220 V 1200 BB OT.
 60 HP 2300 V 1200 BB OT.
 75 HP 2300 V 1200 BB OT.
 100 HP 2300 V 900 BB OT.
 100 HP Used 440 V. Other sizes.
 Ross Machine & Mill Supply, Inc.,
 10 Northwest 16th Street,
 Oklahoma City, Oklahoma

FOR SALE—CAR LOADERS, Air Blast.
 One Ton Vertical Batch Mixers; One Emerson Cylinder Wheat Separator; Boss Car Loader; Corn Cutter; Two-Twenty Inch Eureka Aspirators; One—24" Beall Aspirator; One—10"x30" Nordyke & Marmon Dbl. Roller Mill; Nine 15"x30" Crimping or Flaking Rolls, only; One—2000 bu. Howe Elevator Hopper Scale; One Roscoe Ajax Oat Huller.

J. E. Hagan Mill Machinery
 1522 East High Street Jefferson City, Mo.

FOR SALE—One No. 7B Monitor Dustless warehouse and elevator Separator, screen size 53" x 72".

One 25-HP Fairbanks-Morse Horizontal type "Y" Oil Engine.

One No. 95 two stage Curtis Air Compressors. Two No. 90 two stage Curtis Air Compressors. Approximately 500 ft. of 11 inch cup belt complete with cups.

Three No. 2 Buffalo Air Blowers.
 One Steinlite Moisture Tester.

30 ft. of 2½" Shafting, Pulleys and Belts.
 One Kewanee Electric Overhead Truck Lift with 3 HP, 220 V enclosed F.M. Motor.

One Kewanee Air Truck Lift.
 One Richardson Automatic Scale; 10-bushel.
 Fowler Equity Exchange Fowler, Kansas.

MACHINES WANTED

WANTED—Three Screen No. 16 Clipper Cleaner. Douglass Grain Co., Douglass, Kansas.

WANTED—Barley rolls for steam rolling. Address Grain & Feed Journals 9429, Chicago 4, Illinois.

BAG STITCHING machine wanted for enclosing four and five ply paper bags. Conveyor and machine essential. Kelly Agricultural Products Co., 603 Walnut, McKeesport, Pa.

WANTED TO BUY—Richardson Scales, Bag Closing Machines and other good **MILL, FEED & ELEVATOR EQUIPMENT.**

J. E. Hagan Mill Machinery
 1522 East High Street Jefferson City, Mo.

SCALE WANTED

WANTED—Truck Scale, standard make, 15 ton capacity, 22 x 9 ft. platform. Address 95A3, Grain & Feed Journals, Chicago 4, Ill.

SAMPLE ENVELOPES

SAMPLE ENVELOPES—SPEAR SAFETY for mailing samples of grain, feed and seed. Made of heavy kraft paper, strong and durable; GRAIN size 4½x7 inches \$2.60 per hundred, or 500, \$12.00 plus postage. SEED size 3½x5½ inches, \$2.15 per hundred, or 500, \$8.75 plus postage. Grain & Feed Journals, 327 S. La Salle St., Chicago 4, Ill.

I have been manager of the Farmers Elevtr. Co. at Baltic, S. D., since 1899 and have been a subscriber to your excellent publication for a very long time. The best wishes for a continued success.—E. J. Oyan.

If What You Want you see advertised, tell the advertiser. If Not—Tell the Journal.

MOTORS—GENERATORS

FOR SALE—Motors, two 15 HP 1200 and 1800 speed, 25 HP 1750, 40 HP 3600 for 3/220/60 cy. current. W. J. Meschberger Elevator & Repair Co., Inc., Fort Wayne, Ind.

MOTORS rewound and repaired. A few reconditioned motors for sale. W. J. Meschberger Elevator & Repair Co., Inc., Lima Road, Fort Wayne, Indiana.

FOR SALE—One General Electric Induction Motor, 30 HP, 220 volt, 3 phase, open type, ready to go. Mark Wagoner, Mgr., Barnes Co-operative Ass'n., Barnes, Kansas.

MOTORS—Immediate Shipment. Totally enclosed fan cooled, 3 phase, 220/440 volt, ball bearing motors; 3, 5 and 7½ HP sizes, standard prices. Some single phase motors. Subject to prior sale. Write or wire. Clayton C. Christenson, Sheldon, Illinois.

ELECTRICAL MACHINERY

Large stock of motors and generators, A.C. and D.C., new and rebuilt, at attractive prices. Special bargains in hammermill motors 25 to 100 hp., 1,200 to 3,600 rpm. Send us your inquiries. Expert repair service.—B. M. NUSSBAUM & CO., Ft. Wayne, Ind.

SEEDS FOR SALE

FOR SALE—3,000 bu. Lincoln Soy Beans for seed. Grown from certified seed. No contamination with other varieties as only Lincolns are grown. Write for prices. M. F. McCulloch (Grower), Monmouth, Illinois.

FOR SALE—Carlots or less of best quality U.S.-13 and Ill.-21 hybrid seed corn matured under ideal conditions. Book your supply now. Write for prices. Huey Seed Co., Carthage, Illinois.

SEED STORE FIXTURES

FOR SALE—Seed Store Fixtures, Bins, Cabinets. Walkerbilt, Penn Yan, N. Y.

My elevator was sold the same day the first notice appeared in the JOURNALS. Clyde Febus, Lake Fork, Illinois.

Grain Shipping Books

RECORD OF CARS SHIPPED facilitates keeping a complete record of each car of grain shipped from any station, or to any firm. It has the following column headings: Date Sold, Date Shipped, Car Number, Initials, To Whom Sold, Destination, Grain, Grade, Sold, Their Inspection, Discount, Amount Freight, Our Weight Bushels, Destination Bushels, Over, Short, Price, Amount Freight, Other Charges, Remarks. Book contains 80 double pages of ledger paper, size 9½x12 inches, with spaces for recording 2,320 carloads. Well bound in heavy black pabbie cloth with red keratol back and corners. Shipping weight, 2½ lbs. Order Form 385. Price \$3.15, plus postage.

SALES, SHIPMENTS AND RETURNS. Is designed to save time and prevent errors. Left hand pages are ruled for information regarding "Sales" and "Shipments"; right hand pages for "Returns." Column headings provide spaces for complete records of each transaction on one line. Book contains 80 double pages of ledger paper, size 10½x16 inches, with 8-page index. Spaces provided for recording 2,200 cars. Bound in heavy canvas with keratol corners. Weight, 3½ lbs. Order Form 14AA. Price \$3.75, plus postage.

GRAIN SHIPPING LEDGER for keeping a complete record of 4,000 carloads. Facing pages are given to each firm to whom you ship. Book contains 80 double pages of ledger paper with 16-page index, size 10½x15¾ inches, well bound with black cloth covers and keratol back and corners. Weight, 4 lbs. Order Form 24. Price \$3.95, plus postage.

SHIPPERS RECORD BOOK is designed to reduce labor in handling grain shipping accounts. It provides spaces for a complete record of each car shipped. Its 80 double pages of ledger paper, size 9½x12 inches, provide spaces for 2,320 carloads. Wide columns provide for the complete record of all important facts of each shipment. Bound in heavy black cloth with keratol back and corners. Shipping weight, 2½ lbs. Order Form 20. Price, \$3.10, plus postage.

Grain & Feed Journals

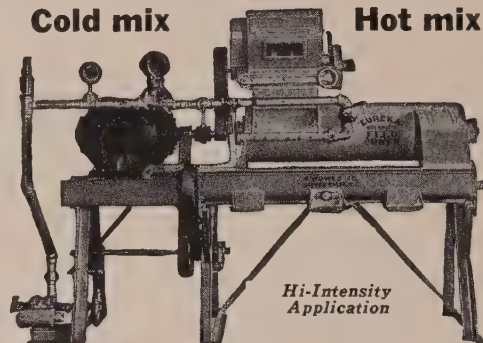
CONSOLIDATED

327 South La Salle St., Chicago 4, Ill.



'Dynamic'

Cold mix Hot mix



Hi-Intensity Application

best for bulky sweet feeds

Quick, uniform application—at any temperature: largest capacity at smallest cost—for all bulky sweet feeds . . . Simplest of all Systems—a super-built, hi-speed, lo-expense outfit used exclusively by many of America's largest mills making nationally famous sweet feeds.

Ask for Catalog J-165.

S. HOWES CO. Inc., Silver Creek, N. Y.

*Don't be
left holding
the* **BAG**

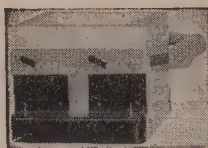
... invest in a

SEEDBURO BAG HOLDER

Seedburo is known as the "Buying Center" for Equipment and Supplies. Our line includes over 500 different items—thermometers, scales, bag trucks, intercommunication systems, fire extinguishers and a host of other products. All are built of finest materials . . . meeting Government Specifications where they have been established, rigidly inspected and fully guaranteed. Prices current subject to change.



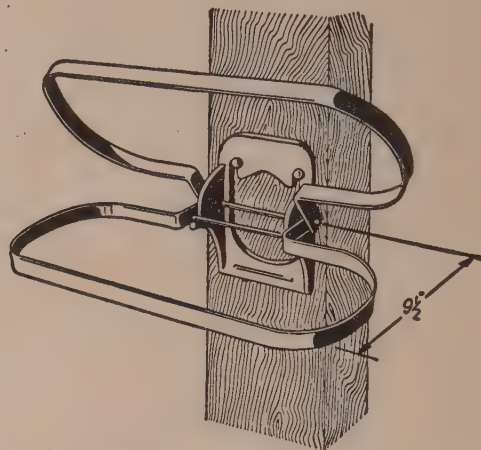
Pins withdrawn
Bag is Full
Bag Holder is safe



PINS UP!
Bag Held
Securely

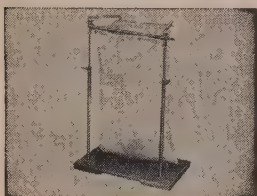
ERNSBERGER—EASILY INSTALLED, FITS MOST SPOUTS

No. 569—Dull pointed snubbing pins projecting about an inch above hollow cleat hold bag securely until filled. Bag is snubbed on cleat, relieving strain on fabric. No boxes required to support weight in sack, except where light cotton sacks are used. Pins pass thru mesh or fabric, do not make holes in top of bag. To raise snubbing pins in position to hold bag, push handle forward. To remove bag, pull handle back and pins recede, thus releasing bag from spout. Consists of: 2 side plate assemblies: 1 wood handle 7" long, and screws for mounting bag holder on spout. Secure side plates to spout, cut wood handle the required length, fasten handle and plate with lug screws and the job is done. \$4.95 each.



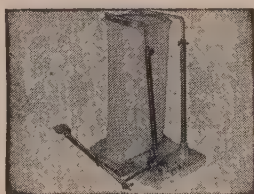
AT LAST—An Inexpensive Bag Holder

Let the Seedburo Bag Holder speed up your work of filling bags. It can be operated by one man, and can be set up wherever you can drive two 10 penny nails. Holds the bag firmly between two steel bands or hoops. The hoops have just the right amount of tension to hold cotton or burlap bags of any weight or thickness. Heavy steel hoops and cast iron base are rigid enough so they will never bend or get out of order. Opening at top is 15 inches long by 6 1/2 inches wide. Plenty big enough to shovel into without spilling over the side, because bag is held firm and smooth. Everything goes inside. \$4.00 each.



UNIVERSAL

No. 114—This bag holder has won great acceptance in the grain and seed trades because it is simple to use and sacks will not fall off while being used. Constructed mainly of soft steel, with malleable iron jaws. Adjusts to any height or width of sack. Releases by a simple movement of the spring controlling the arm. Along the front of the frame is placed a bar for holding a shovel or a basket for grading at time bag is being filled. \$9.50 each.



GIBBONS

No. 470—Make the work of filling bags easy and fast by installing a Gibbons Bag Holder. It can be installed on a platform scale or on the floor. The distinguishing feature of the Gibbons is the foot release attachment which allows complete freedom of the hands for attaching and removing the bag. It's adjustable for any width and height bag. All castings are made of aluminum for lightness. \$20.00 each.

IMPROVED MOSHER



springs are an assurance of stability as well as durability. Built to accommodate bags of any height or width \$9.10 each.

No. 391—Here is another type bag holder with jaws that grip the bag firmly at all times eliminating any danger of slipping. The jaws are square and have a small outward projection at each corner to hold the bag open in a rectangular position. The malleable iron jaws, wrought iron pipe standards, and steel springs are an assurance of stability as well as durability. Built to accommodate bags of any height or width \$9.10 each.

SEEDBURO

EQUIPMENT COMPANY

620 BROOKS BUILDING - CHICAGO 6, ILLINOIS

GRAIN & FEED JOURNALS

INCORPORATED

327 S. La Salle St., Chicago 4, Ill., U. S. A.
Charles S. Clark, Manager

A merger of
GRAIN DEALERS JOURNAL
Established 1898

AMERICAN ELEVATOR &
GRAIN TRADE.
Established 1882

THE GRAIN WORLD
Established 1928

PRICE CURRENT - GRAIN REPORTER
Established 1844

Published on the second and fourth Wednesdays of each month in the interests of better business methods for progressive wholesale dealers in grain, feed and field seeds. It is the champion of improved mechanical equipment for facilitating and expediting the handling, grinding and improving of grain, feeds and seeds.

SUBSCRIPTION RATES to United States, Canada and countries within the 8th Postal Zone, semi-monthly, one year, cash with order, \$2.00; single copy current issue, 25c.

To Foreign Countries, prepaid, one year, \$3.00.

THE ADVERTISING value of the Grain & Feed Journals Consolidated as a medium for reaching progressive grain, feed and field seed dealers and elevator operators is unquestioned.

Advertisements of meritorious grain elevator and feed grinding machinery and of responsible firms who seek to serve grain, feed and field seed dealers are solicited. We will not knowingly permit our pages to be used by irresponsible firms for advertising a fake or a swindle.

LETTERS on subjects of interest to those engaged in the grain, feed and field seed trades, news items, reports on crops, grain movements, new grain firms, new grain elevators, contemplated improvements, grain receipts, shipments, and cars leaking grain in transit, are always welcome. Let us hear from you.

QUERIES for grain trade information not found in the Journal are invited. The service is free.

ELEVATOR WORKMEN who are employed in a plant located in a town having less than 2,500 population are exempt from the minimum wage and maximum hour provisions of the Area of Production law.

STEALING GRAIN from box cars is one of the natural results of higher prices and those handling loaded cars need to maintain a vigilant guardianship of their property and plug the auger holes made by the thieves.

A **PLEASING** practice reported in some elevators during the Christmas Holidays has been the giving of bonus checks to faithful workers, which practice is surely an influential promoter of good will and helps to spread the Christmas spirit.

MANY country elevators have been blockaded because of their inability to get cars to relieve their congested bins. They have naturally refused to receive more grain and have compelled producers to cease delivering any more of the last crop.

READING THE Trade News published in this number of the JOURNAL brings to light the installation of many more grain driers than have been installed for a long time. Evidently many elevator operators plan on going into the regular business of reducing the percentage of moisture in the corn crop.

WHILE THE persistent demand of the dealers trying to conduct a grain business in different sections of the country has helped some to get much needed box cars, others are still suffering from a lack of clean cars that can be entrusted with the safe transportation of bulk grain.

THE SUFFOCATION of men working in wet barley following a Minneapolis fire again sounds a warning to all barley workers to avoid continuing to handle wet barley which gives off poisonous fumes that men seem unable to overcome, hence they are taken to a hospital.

COUNTRY GRAIN buyers who have worked earnestly to induce their patrons to select better varieties for next year's planting are now going a little bit further and encouraging farmers to use more and better fertilizer, all of which contributes to an increase in the volume of grain marketed at the elevator next year.

STATE LEGISLATURES do not exhibit much sympathy with the closed shop and five have recently outlawed such contracts. Private enterprise and business generally is in urgent need of legislation which will promote production and increase employment. Too much has been done to handicap business.

SO MUCH wheat has been stolen from farm bins near Walters, Okla., Secretary Humphreys of the Oklahoma Grain Dealers Ass'n has warned grain dealers of the state against buying from strangers. It is much safer to learn the identity of the man delivering wheat to your elevator than to pay twice for a load. Paying by check has helped some country buyers to learn the identity of the man who delivered the grain.

SAFEBREAKERS and midnight visitors have formed a warm affection for the contents of country elevator offices and made way with cash and office equipment such as adding machines, typewriters, so it becomes more necessary since the nights are darker and longer to make entrance to country elevator offices more difficult. More and stronger locks for every door and window as well as burglar alarms and watch dogs to discourage the visitors.

THE EIGHTEEN fires reported in the news pages of this number should help to stimulate the interest of owners of grain elevators and feed mills in the correction of known fire hazards and in the provision of the most efficient fire extinguishing apparatus obtainable on each floor. If your city council hesitates to provide fire fighting equipment for your local fire department, it would help to arrange with the firemen of nearby towns to come to the rescue of your property when the fire breaks out.

A **CLARION** call of the organized grain trade in all sections of the country is "Get the government out of the grain business. Abolish the C.C.C. and entrust the marketing of all grain to men with long experience in grading and marketing grain." The activities of the different governmental agencies in the grain market inflates or deflates values and creates unnatural conditions that are misleading to everyone. More protests sent to members of Congress will hasten the discontinuance of appropriations for funds needed by the bureaucrats to finance their misguided operations.

ONE OUTSTANDING characteristic of new corporations engaging in the grain and feed business is the greater amount of capital stock reported by every new corporation. The greater cost of materials, labor and capital necessary to conducting business today is in a measure represented by the greater wealth of men engaging in business, needing larger operating capital. New firms engaging in the grain and feed business experience little difficulty in raising greater amount of capital for every new corporation. This should facilitate the promotion of new enterprises and help them to establish a successful business.

CHICAGO 4, ILL., January 8, 1947

AN IOWA dealer who experienced difficulty in freeing a flow of grain from a bin walked on the top of caked grain and was soon suffocated by the collapse of the encrusted mass.

ELEVATOR WORKERS in Denver and Minneapolis have recently been incapacitated by breathing chlorine gas fumes. It is difficult to function in any capacity with such fumes present.

GRAIN PRODUCERS are getting such inflated prices for their crops, asking credit for feed or other merchandise, or an extension of past due accounts is inexcusable.

MANY GRAIN shows have been held this season by grain merchants of adjoining counties and stirred up deeper interest in the production of more and better grain by farmers who were encouraged to exhibit their products as well as to inspect the better products of their neighbors. A talk by crop experts is helpful to deepen the interest of all farmers in attendance.

Changing Oats Grades

The Department of Agriculture plans on holding hearings for changing the grades of oats so as to amend the name of all oats meeting the requirements of grades higher than number one and qualifying oats, testing more than 32 lbs., but less than 35 lbs., as they are, but designating heavy oats with the extra name of medium heavy. What will be the difference between heavy, medium heavy and extra heavy?

This proposition reminds us of the old Chicago rules classifying the grades of all grains with the term reasonably dry, reasonably clean, and, after having placed this flexible limitation on all grades, the inspector was left to decide what was reasonable and what was not reasonable. To go back to the indefinite classifying of any grades would help to destroy the usefulness of different classifications.

Specific, clear-cut descriptions of every grade should be strictly adhered to because different inspectors will be compelled to resort to indefinite classifications and men in different markets would place entirely different lots of oats which would encourage floundering. It is far better to have rules that are positive as to the qualifications for each grade. If we are to have standard grades then let us stick to positive descriptions.

Provisions of the Gwynne Bill

The Gwynne bill, H.R. 584, exempts from portal suits and other possible suits arising from the new area of production definition any employer who was "acting in good faith" under previous employer-employee agreements, the fair labor standards act or the prevailing custom of the particular industry in not paying for preparatory work time.

Any actions for back payments must be commenced within one year after the cause of action accrued.

New suits would have to be filed within 90 days of the enactment of the Gwynne law, and recovery under such suits would be limited to one year.

Men or unions bringing suits would bear the burden of proof, and the employer could not lose the suit by failure to produce the needed records.

After winning a suit, attorney's fees could not be assessed against employers at more than 5% of the judgment and never more than \$5,000.

Jurisdiction is withdrawn from the courts to pass on claims except under the previously specified conditions, or to nullify employment contracts already performed by giving retroactive effect to decisions such as the portal-to-portal decisions or to award liquidated damages except where the violation of the law was willful.

THE Jan. 1 short supply list removed grain sorghums, millfeeds, grain by-products, feed screenings, red clover, alsike, sweet clover and alfalfa seeds. Continuing under short supply certification are the following in addition to any food or feed product which contains 20 per cent or more of commodities listed in short supply: wheat, barley, rye, rice, corn, protein meals, animal tankage and meat scraps, dry edible beans and peas, hogs, milk and butterfat, soybeans, cottonseed, flaxseed, peanut meal, peanut oil, fish meal and scrap, fish oils, except fish liver oils, and flavoring syrups.

Washington News

THE NEW area of production regulations will be enforced by the Wage and Hour Division, beginning Mar. 1.

FOR EXPORT by July the United States can spare 550,000,000 bus. of grain, says Sec'y of Agriculture Anderson.

COST of farm labor would be included in determining parity price under a bill introduced by Rep. Pace of Georgia.

NO RICE marketing quotas or acreage allotments will be enforced in the 1947-48 season, the U.S.D.A. stated.

THE PRESIDENT'S proclamation sets Dec. 31, 1948, as the terminal date of the principal wartime price support programs.

SENATOR REED of Kansas will head the Senate sub-committee of five that is to begin hearings Jan. 28 on the box car shortage.

O.P.A. TERMINATION is called for by five bills introduced by Reps. Cole, Schwabe, Dirksen, and Merrow, and Sen. McKellar.

A FOOD investigating sub-committee has been named by Clifford R. Hope, chairman of the House Agriculture Committee, with Rep. Andresen as chairman.

THE OUTPUT of food processing machinery was 75 per cent greater at the end of 1946 than before the war, said retiring C.P.A. Administrator John D. Small.

RICE amounting to 2,500,000 100-lb. bags has been allocated to civilians for the first quarter of 1947, against 1,398,900 bags received by civilians in the like period of 1946.

JOHN B. HUTSON, former pres. of the Commodity Credit Corporation and former under-secretary of agriculture, has resigned as assistant sec'y-general of the United Nations Organization.

FARMERS are guaranteed production costs, plus 4 per cent return on capital investment and a wage equal to that of a comparable industrial worker, in a bill reintroduced by Rep. Lemke of North Dakota.

THE ARMY has chartered 29 vessels to move grain during January to Germany from Gulf ports, Baltimore, Philadelphia and New York, according to Maj. Gen. E. H. Leavey, chief of transportation.—P. J. P.

CANCELLATION or settlement of all unpaid emergency crop, feed and seed loans remaining unpaid 6 years after the due date, by the Sec'y of Agriculture, is provided for in H.J.R. 38, introduced by Rep. Lemke.

SENATOR REED of Kansas has introduced a bill authorizing payment of 30 cents per bushel to growers of wheat and corn who sold their crops between Jan. 1 and Apr. 18, 1946, including wheat under loan to the C.C.C. Others have sponsored similar bills.

THE ESTIMATED grand total of U. S. grain and grain products exported for the six months, July-December, is 4,584,000 long tons (177,000,000 bus.). The total of Canadian flour milled in bond and exported from the U. S. during this period was 63,000 long tons.

SET-ASIDE CREDIT for rice shipments to the Territories up to 40 per cent of each mill's production during the month of January, 1947, has been announced by the U.S.D.A. This is the same as the November and December allowances. The territories involved are Puerto Rico, the Virgin Islands, and Hawaii.

O.P.A. powers are diminished by a decision of Judge Letts of the U. S. District Court at Washington in the case of the Moberly Milk Products Co., of Moberly, Mo., on Jan. 22, holding the O.P.A. could not allocate sugar on the historical basis. Denial of sugar to new enterprises is prohibited by the War Mobilization and Reconversion Act.

PRICE support by the government would be placed on a permanent basis under a bill introduced by Senator Russell of Florida.

EXPORT allocations announced by the U.S. D.A. are 1,204,500 long tons of wheat, flour (in wheat equivalent), corn and other grains (approximately 46,092,000 bus. total) for February. This is the largest tonnage scheduled for any month since the beginning of the 1946-47 season.

THE LAW forbids the U.S.D.A. from selling its huge stock of 460,000,000 lbs. of wool held by the C.C.C. at less than parity. Manufacturers are buying foreign wool a cent or two under parity, and government owned stocks are piling up. Sec'y Anderson Jan. 22 asked Congress to permit sales of wool at less than parity prices.

TIME SPENT in more than two dozen activities often unrecognized as actual working assignments may be used in the seeking of millions of dollars in back wage claims under the Supreme Court's "portal-to-portal pay decision" in the Mt. Clemens case. This was revealed when the Bureau of National Affairs in Washington issued a special analytical report on the problem.

STATING that living cost increases have reduced purchasing power of 40 cents to 27 cents L. Metcalfe Walling, administrator of the Wage and Hour Division, asks Congress to raise the minimum hour wage from 40 cents to 65 cents per hour. He asks also inclusion of employees engaged in agricultural processing and handling. He favors limitation of suits by employees for back wages and damages.

PRODUCTION control must be given the Department of Agriculture if price support is to be continued, according to Sec'y Anderson. He desires a mandate from Congress. Commodities the government is committed to support include hogs, milk, butterfat, poultry, dry peas, dry edible beans of certain varieties, soybeans for oil, peanuts for oil, flaxseed for oil, potatoes, sweet potatoes, and American-Egyptian cotton.

BEAN ALLOCATIONS for the first quarter of 1947 follow: 2,229,400 bags for U. S. civilians; 220,000 bags for the U. S. Army (for civilian feeding in Japan); 31,000 bags for American republics; approximately 17,600 bags in the form of processed foods such as canned baked beans and dehydrated soups, principally for U. S. military and war services; 3,800 bags for U. S. territories; and comparatively small quantities to various other foreign claimants.

PRES. TRUMAN in his economic report to Congress Jan. 8 opposed excessively high support levels for any commodity. He said experience within the past year has demonstrated, on a small scale, some of the dangers that may result from holding the support level for any commodity too high. This only leads to maladjustments within agriculture, to the wastage of food, and to unnecessarily large government expense. He recommended that the Commodity Credit Corporation's authority expiring June 30 be renewed with a federal instead of its present state charter.

SEC'Y ANDERSON told the House Agriculture Committee Jan. 22 that there was no immediate danger of a disastrous break in farm prices, but that price support operations in 1947-48 probably will cost from \$250,000,000 to \$700,000,000. Some of this money might be reclaimed later, he said, thru resale of surplus commodities, but inevitably there would be heavy losses. The Agriculture Department's Production and Marketing Administration spent \$1,276,000,000 on price support operations in the 1946 fiscal year and resold crops valued at \$1,889,000,000.

A New 45,000-bu. Elevator for Lily, S. D.

In the early spring months of 1946 the Peavey Elevator Co., suffered a loss by fire at Lily, S. D. They operated two elevators in this town and this fire wiped out the main elevator, coal sheds, and warehouses.

They immediately awarded the contract to the T. E. Ibberson Co., for the erection of a new 45,000-bu. cribbed elevator, along with a warehouse and office building.

This elevator is equipped with two legs. The belting was furnished by Anderson-Crane Co., all of the spouting was purchased from the J. J. Gerber Co., and included a Double Distributor complete.

Strong-Scott Mfg. Co., furnished all of the transmission machinery, such as head drives, along with all the turnhead and workfloor spouting. A Strong-Scott Dump and a Fairbanks-Morse scale of 20 ton capacity was installed in the driveway.

The new elevator is divided into 16 bins and is covered with galvanized iron. A reinforced slab foundation was provided.

A Hart-Carter Cleaner was installed on the workfloor along with a Gustafson Seed Treater for servicing seed products.

Lily S. D. is located on the Chicago Milwaukee Railroad and the local manager is C. P. Duerra.

This elevator is one of the many houses operated by the Peavey Elevator Co., of Minneapolis.

The power for this plant was furnished with motors individually on each unit. The motors were manufactured by Fairbanks-Morse and General Electric.

The T. E. Ibberson Co., designed and built this structure, which is illustrated on first cover page.

DEFICIT spending by government increases the supply of money faster than the supply of goods and spells price inflation.

HUTCHINSON, KAN.—In the space of 15 years Southwestern corn borer infestation in Kansas has spread from two counties to 58, according to a recently completed survey made by officials of the Corn Borer project office in Hutchinson. The survey this winter showed that the pests had spread over most of the western two-thirds of the state with the exception of a tier of counties in the north and northwest.—G. M. H.



J. O. McClintock, Chicago, Ill., Pres. Elect Board of Trade

Grade for "Medium Heavy" Oats

The U. S. Department of Agriculture announced Jan. 20 that three informal hearings will be held at Minneapolis, Omaha and Chicago in February in connection with proposals to amend the official grain standards of the United States for oats by the inclusion of a special grade for medium heavy oats in the standards.

The hearing at Minneapolis will be held at 2:30 p.m., Feb. 11 in Room 150, Grain Exchange Building; the Omaha hearing will be held at 2:30 p.m., Feb. 13, in Room A-26, Grain Exchange Building; and the Chicago hearing will be held at 2:30 p.m., Feb. 14 in Room 660, Board of Trade Building.

The proposed amendment of the grain standards is designed to provide a better description on certificate for oats of all classes and of all grades (except Grade No. 1) which have a test weight per bushel of 32 pounds or more but less than 35 pounds. If promulgated, the amendment will be in the form of a special grade of Medium Heavy oats substantially as follows:

Definition. Medium Heavy oats shall be oats of any grade other than Grade No. 1 which have a test weight per bushel of 32 pounds or more but less than 35 pounds.

Grades. Medium Heavy oats shall be graded and designated according to the grade requirements of the standards applicable to such oats if they were not medium heavy, and, except in the case of Grade No. 1, there shall be added to, and made a part of, the grade designation, preceding the name of the class, the words Medium Heavy.

All persons interested may present their views and opinions orally at the February hearings or they may submit written data, views, or arguments to the Director, Grain Branch, Production and Marketing Administration, U. S. Department of Agriculture, Washington 25, D. C., to be received by him not later than Feb. 20, 1947.

The proposed amendment, if promulgated, will be made effective not later than July 1, 1947.

ALTHO there is likelihood of a real recession or a settling period during 1947, I do not think that it can go very far because of the importunate demand that underlies it, and that after that recession we are still capable of moving forward strongly for a while.—Edwin B. George, economist of Dun & Bradstreet, Inc.

New President of Chicago Board

The rank and file of the membership in the Chicago Board of Trade feel that in their selection of J. O. McClintock to head its administration during the ensuing year they have a guaranty that the affairs of the organization will be conducted with outstanding ability.

Mr. McClintock has a broad knowledge of the grain business, both spot and futures, and has served the Board as vice president. He was quite prominent in the formation of the National Ass'n of Commodity Exchanges and Allied Trades, Inc., and has held the offices of vice president and director. He also served on its executive committee.

Since 1938 he has been connected with the Continental Grain Co., operating terminal and interior elevators, and is vice president of that company.

He was born near Marysville, Mo., in 1887. He has been closely identified with the grain business for the past thirty years. Prior to 1932, when he became identified with the Grain Stabilization Corporation, with offices located in Chicago, he had been affiliated with a number of grain concerns in Wichita, Kansas City and St. Louis. In 1934 Mr. McClintock became manager of the Farmers National Grain Corporation, Chicago branch, and joined the Chicago Board of Trade at that time.

Urges Educational Program by Exchanges

J. A. Higgons, Jr., executive vice-president of the National Ass'n of Commodity Exchanges and Allied Trades, addressed members of the Kansas City Board of Trade recently at a dinner meeting in the Hotel Phillips, urging support for a program of education which the association has planned for the next year. The plan will include a program of education and public relations in order to make the public more conversant with the needs of the free marketing system. He said the association also was in favor of a legislative program to implement its educational activities. Textbooks explaining the operation of the free marketing system will be published and offered to high schools and colleges for use by teachers and professors. A lecture bureau will be headed by Samuel D. Jackson, former Indiana senator.

Higgons said the association would soon move its headquarters from Chicago to Washington, in order to have closer contact with national affairs and to knit together its organizational and operational activities.

Must Buy in To Establish Damages

The Arbitration Appeals Committee of the Grain & Feed Dealers National Ass'n has affirmed the decision of the Arbitration Committee in favor of defendant Archer-Daniels-Midland Co. in a claim by the Scroggins Grain Co., plaintiff, for alleged default in shipping 25 cars of feed on contract.

On May 12, 1943, defendant confirmed to plaintiff a sale of "25 cars of straw by-products feed at \$10 per ton sacked in buyer's sacks, f.o.b. shipping point, May-June shipment as made—seller's option, buyer to have sacks at Lakefield, Minnesota, by Monday, May 17th, 1943." A postscript on the confirmation stated: "It is our understanding that you will have enough sacks available at the above station so that we can load one car per day."

Evidence established that the sacks were not at Lakefield on the day specified. Some sacks were delivered later. Weather conditions apparently interfered with the production of the by-product, and the upshot was that only one or two cars were shipped on the contract. Plaintiff asked for damages computed on a settlement basis \$20 per ton track St. Louis. Defendant refused to concede the contract had been defaulted by him, considering the requirement for sacks to be delivered, and the fact that the feed was sold "as made," at seller's option.

Following are excerpts on the Arbitration Committee's decision in this case:

"On a contract of this sort, weather is material."

"The contract clearly called for shipment from Lakefield, and to that point, plaintiff shipped only a small portion of the total required (12,500) if 25 cars, 25 tons each were contemplated."

"Only four cars of the 25 were ever ordered out. . . . Shipping instructions were never furnished on the balance and yet Plaintiff seeks to put defendant in default—when he was in the first instance in default. Claim for loss, if any, would have to be limited to the number of cars ordered and unshipped, and of the four ordered, two were apparently shipped."

"Plaintiff's letter of June 29, demanding settlement basis \$20 St. Louis, states that this is the figure at which his sales were made but (he) offers no proof, i.e., sales contracts."

"A plaintiff claiming defendant in default can under the rules, cancel, buy in or extend. Plaintiff in seeking to establish damages did not buy in, but endeavored to establish an arbitrary basis (\$20 St. Louis) and reasons put forth are conflicting."

Letters from the Trade

[The grain dealers' forum for the discussion of grain trade problems, practices and needed reform or improvements. Dealers having anything to say of interest to members of the grain trade are urged to send it to the Journals for publication.]

Will Large Elevators Pay?

Grain & Feed Journals: We would like very much to see some discussion on the use of the large storage units now being erected at country points. If the farmers will store their surplus crops and pay reasonable storage rates for their storage, then, no doubt, the building of large storage units at country stations should prove profitable and enable country elevator operators to get back fair earnings on the cost of these large storage plants. I feel sure that with liberal patronage from farmers in need of storage space for their excess grain, it should pay operating companies to provide ample storage room, but if the farmers hesitate or refuse to use the large storage space provided at many stations in the southwest, then who is going to pay for the building of the storage tanks? Any light we can get on the practical use of these large storage units will be greatly appreciated by another dealer who hesitates to build a half million bushel storage elevator at a station which has been served quite well with a 30,000 bushel house. We hope to have a real discussion of this problem which is now troubling us.—A. & A.

Why Oyster Shells Are Scarce

Grain & Feed Journals: No doubt some of your readers have been asking you about the shortages of oyster shells which shortage has been brought about principally by a strike of our marine workers which tied up our operations from early September until late December.

I know that you are interested and that you would like to have information regarding this situation, so I am setting forth below, as briefly as I can, some of the pertinent facts:

These strikes started out as a dispute between rival unions, one of which was the National Maritime Union (C.I.O.) with the result that our marine employees withdrew from one union and joined the Maritime Union who carried on the strike.

There never was any dispute over wages, hours, or working conditions. We have consistently paid our men more than the prevailing wage for similar groups, but the sole issue was an arbitrary demand by the Maritime Union leaders for a Closed Shop. The Closed Shop was no more acceptable to us than to many other Americans.

We feel that this is still America and that we have no moral right to force any of our men to join a union against their will. And for their protection, as well as our own, we would not allow a Communist dominated Maritime Union to tell us who we could hire to man our valuable marine equipment.

I am attaching a reprint of an article which appeared in one of the New Orleans newspapers on Nov. 13th. This explains the situation, I believe.

After the article in the New Orleans newspaper, most of our marine employees withdrew from the Maritime Union entirely, formed their own union, and came back to work. We signed a contract with them and they are now on the job.

We are in operation again, but, because of the strike, we lost several weeks' production and the poultry raisers over the country are short of oyster shell and probably will be for the next few months—and all because of one Communist operating under the guise of a so-called labor leader.

Everything possible is being done to dis-

tribute our production in the most equitable way and to get Pilot Brand oyster shells out in the territories which need it badly. To do this we are operating 24 hours a day and this will be continued for an indefinite period.—Oyster Shell Products Corp., Bill Westerman, St. Louis, Mo.

Safe Installation of Larger Legs

Grain & Feed Journals: There has hardly been any recent issue that you have not had an inquiry regarding rebuilding elevator legs, increasing capacities or speeding up of legs. We are all interested in loading up and speeding up the old equipment. However, there seems to be one important point not getting the proper attention, and that is: Is the capacity of the head pulley such to take care of the increased loads and speeds? What is the point of slip of the head pulley?

We figure the capacity of the leg, the power requirements and then if we use V-belts we are very careful to use a Safety Factor of 2 on the drive design, but seldom do we hear anything about the traction capacity of the head.

The traction between the head pulley and the cup belt is the basis of operation of an elevator leg. This traction is dependent on the weights of belt and cups, the weight of the load, type of belt and surface of head pulley. It can be calculated in horse power required to slip the head under a choked condition. (Elevator Legs STILL DO CHOKE.) This point of slip should be high enough to cause the motor relays to operate and stop the motor. In figuring it is absolutely necessary to bear in mind that the stalling torque of an ordinary squirrel cage motor commonly used as the source of power will run 200-375 per cent of the full load rating.

An over-powered head pulley means a slipping head pulley under choke. And a slipping head pulley soon means a burning leg belt. A

fire in a wood leg casing is hard to put out and endangers the entire plant.

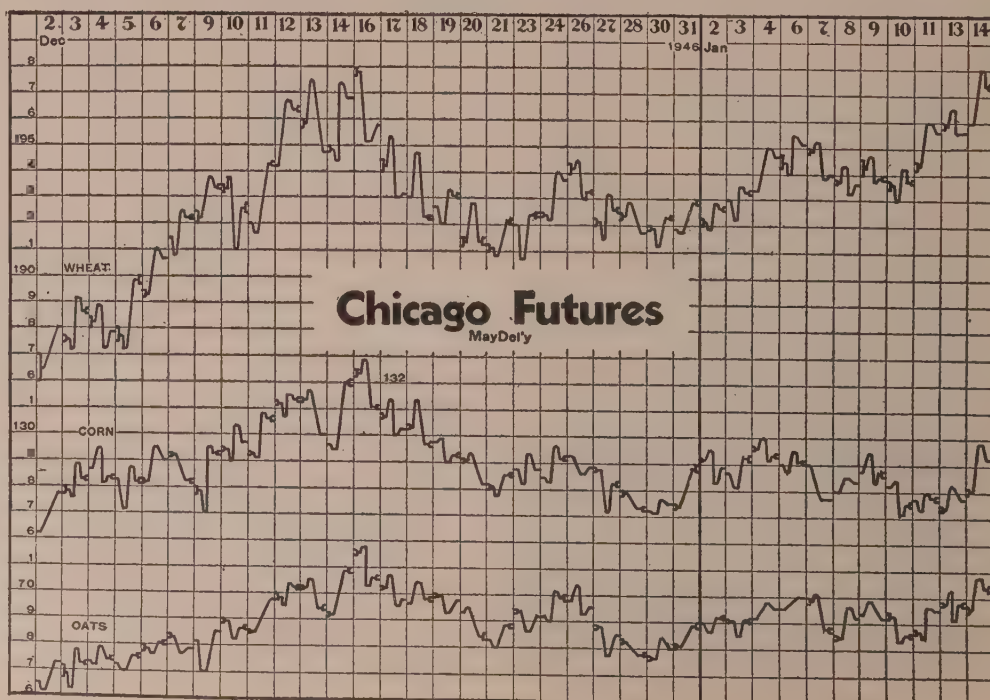
It is very important that the complete design of the leg and drive be in balance. Your Mill Mutual Insurance Company engineers will be glad to work with you and your supply men in getting an efficient and safe installation. Give them a chance to help you. A burned elevator produces no profits.—H. H. Hawlick, Engineer, Millers National Ins. Co.



H. R. Diercks, St. Louis, Elected President Merchants Exchange

E. JEROME DIES resigned Jan. 1 as chairman of the board of the National Soybean Processors Ass'n, to have flexibility of time for other activities.

CHAIRMAN THOMAS of the Senate agriculture committee forecasts that prices for nearly all farm commodities will remain good for the next two years. He said there may be flurries where prices drop and rise but he is not pessimistic.



Coming Conventions

Trade conventions are always worth while as they afford live, progressive grain dealers a chance to meet other merchants from the same line of business under favorable conditions. You can not afford to pass up these opportunities to cultivate friendly relations and profit by the experience and study of others.

Jan. 27. Eastern Division of Feed Manufacturers Ass'n at Montreal, Que.

Jan. 27, 28. Indiana Grain & Feed Dealers Ass'n, Columbia Club, Indianapolis, Ind.

Jan. 28, 29, 30. Farmers Grain Dealers Ass'n of North Dakota, Fargo, N. D.

Jan. 30. Nebraska Seed Dealers Ass'n at Cornhusker Hotel, Lincoln, Neb.

Feb. 4, 5. Farmers Grain Dealers Ass'n of Illinois, Pere Marquette Hotel, Peoria, Ill.

Feb. 7. Mutual Millers and Feed Dealers Ass'n, Hotel Buffalo, Buffalo, N. Y.

Feb. 17, 18. Colorado Grain, Milling & Feed Dealers Ass'n, Albany Hotel, Denver, Colo.

Feb. 20, 21. Midwest Feed Manufacturers Ass'n, Kansas City, Mo.

Feb. 22. Washington State Feed Ass'n, New Washington Hotel, Seattle, Wash.

Feb. 24, 25. Farmers Grain Dealers Ass'n of Ohio, Secor Hotel, Toledo, O.

March 3, 4, 5. Farmers Elvtr. Ass'n of Minnesota, Nicollet Hotel, Minneapolis, Minn.

Mar. 8. Western Seedsmen's Ass'n, Fontenelle Hotel, Omaha, Neb.

Apr. 16, 17, 18, 19. California Hay, Grain & Feed Dealers Ass'n, Palace Hotel, San Francisco, Cal.

May 1, 3. American Feed Manufacturers Ass'n, Drake Hotel, Chicago, Ill.

May 15, 16, 17. Society of Grain Elevator Superintendents at Kansas City, Mo.

May 25, 26, 27. Pacific States Seedsmen's Ass'n, Yosemite Valley, Cal.

June 2, 3. Central Retail Feed Ass'n, Schroeder Hotel Milwaukee, Wis.

June 5, 6. Nebraska Grain & Feed Dealers Ass'n, Hotel Paxton, Omaha, Neb.

June 9, 10. Eastern Federation of Feed Merchants, Hotel Commodore, New York, N. Y.

June 18, 19, 20. Southern Seedsmen's Ass'n, Memphis, Tenn.

June 23, 24. Wyoming Grain, Feed & Seed Dealers Ass'n, Casper, Wyo.

June 30, July 3. Canadian Feed Manufacturers Ass'n at Bigwin Inn, Lake-of-Bays, Ont.

Indiana Association's Annual

The attractive program of the 46th Annual Convention of the Indiana Grain & Feed Dealers Assn. in the Columbia Club, Indianapolis, Jan. 27-28, 1947:

MONDAY, JAN. 27TH SESSION

8:30 A.M.—Registration on 10th floor, Columbia Club. Banquet tickets must be secured by 2:00 P.M. Monday. No refunds or re-sales after that hour.

10:00 A.M. (Sharp)—Convention Hall
Group singing
Call to Order by President Harold L. Gray

Program of the National Country Elevator Committee—Elton Kile, Chairman, Kileville, O.

Address of the President—Harold L. Gray, Crawfordsville

Report of the Secretary—Fred K. Sale, Indianapolis

Research Report on the Operation and Management of Grain Elevators, by E. G. Byer, Purdue University, Lafayette

Appointment of Convention Committees

MONDAY AFTERNOON SESSION

1:30 P.M. (Sharp)—Convention Hall
Community singing

"What's Ahead for the Grain Business"—J. O. McClintock, President Chicago Board of Trade

"The Area of Production Definition"—Ray B. Bowden, Exec. Vice Pres., Grain & Feed Dealers National Assn., Washington, D. C.

"Our Selling Job in 1947"—W. H. "Bill" Bryan, St. Louis, Mo.

"Workable Ideas for Retailing Feeds and Supplies"—Discussion

"Feed Delivery Routes"

"Formula Mixing"

"Hatchery Supplies"

"Farmer Group Meetings"

TUESDAY, JAN. 28TH SESSION

9:30 A.M. (Sharp)—Convention Hall
Report of the Treasurer—D. G. Phillips, Indianapolis

"How's Business?"—Nathan H. Gist, New York, N. Y.

Report of the Resolutions Committee

Election of Officers

Fire Safety Devices in Grain Elevators—Discussion

Norby Elected Head of Toledo Exchange

Duane L. Norby was elected as president of the Toledo Board of Trade at the association's annual election held Jan. 6. Mr. Norby is manager of Cargill, Inc., who operate a 3,140,000 bus. elevator at Maumee, O., which is within the switching district of Toledo. Mr. Norby has been with Cargill for 26 years coming to Toledo first in 1927. Previous to his coming to Toledo he was with Cargill in Milwaukee and Minneapolis.

Mr. Norby has been very active in Board of Trade work for several years, serving as first and second vice president as well as chairman of many of the Board of Trade committees. Mr. Norby succeeds Paul Atkinson, Manager of the Norris Grain Co., who has served two terms as president.

Other officers elected with Mr. Norby are L. J. Schuster, of L. J. Schuster Co., as first vice president, P. A. Kier, manager of the National Milling Co., second vice president, P. M. Barnes, treasurer, and A. E. Schultz elected as secretary for the 16th term.



Duane L. Norby, Toledo, O., President Board of Trade.

"Economic Outlook for the Grain and Feed Business"—Dr. E. L. Butz, Purdue University, Lafayette
Introduction of New Officers

ENTERTAINMENT

Monday Afternoon. Special Entertainment for the Ladies. Tickets will be secured at Registration Desk.

Monday Evening. Banquet, 10th floor, Columbia Club, at 6:30 P.M. sharp. Reservations are limited to 500. No refunds on purchases. Introduction of Guests—no Dinner Speaker. Floor Show. Dancing to follow until midnight.

Program Farmers Grain Dealers Ass'n

Arrangements are about completed for the Forty-Fourth Annual Convention of the Farmers Grain Dealers Association to be held at the Pere Marquette Hotel, Peoria, Feb. 4 and 5. Registration will open in the Hotel Lobby at 10 o'clock A.M., Tuesday, Feb. 4. The first Convention Session will convene at 2 o'clock. The Tuesday afternoon program will include an address of welcome by Mr. B. E. Wrigley, President of the Peoria Board of Trade. Response by J. W. Ainsworth, Vice President of the Association; the Secretary's Annual Report; a report on Auditing by Mr. Harry Hieser; a report on Insurance Contracts by Mr. E. R. Hefflin of Martin Bros. and Co. of Omaha. Reminiscences of Thirty-five Years Ago by H. W. Danforth, who served as President of the Association from 1913 to 1915.

The Annual Convention Banquet will be held in the Hotel Ball Room at 6:30 P.M. Tickets will be on sale at the Registration Desk throughout the day, Tuesday. The price will be \$2.00. Herman Hampy will entertain at the organ during the dining hour. Entertainment to follow will include vocal selections by the Tremont Trio; James Crowley, ventriloquist; and the Three Diamond Sisters, dancers. The guest speaker will be Ernest Roose of Philadelphia, an outstanding humorist.

The Wednesday morning session will convene at 9:30 with Harold Steele, President of the Managers Club, presiding. The Program will be about as follows: President's Annual Address by L. B. Riley. Explanation of Veterans Training Course by Robert F. Kozelka, Board of Vocational Education, Springfield; Animal Nutrition as related to Soybean Production, by K. J. Maltas of A. E. Staley Mfg. Co., Decatur. Report of Joint Traffic Committee, C. H. Stout, Gilman. Box Car Supply and the National Transportation Situation, R. E. Clark, Manager Box Car Section, Car Service Division, Association of American Railroads, Washington, D. C.

At 12:15 o'clock Wednesday there will be three luncheons. Officers and Directors of local companies who are in attendance at the convention will meet in the LaSalle Room for a luncheon to be provided by the Association. The luncheon will be followed by a Round Table Discussion of "Duties and Responsibilities of Officers and Directors," lead by J. P. Becker, President of Tremont Co-operative Grain Co.

The Managers will meet in the Lounge for a Luncheon to be sponsored by the Peoria Board of Trade. The session will include the regular transaction of business of the Managers Club and a discussion of current business problems.

The Annual Ladies Luncheon and Card Party will be held in the Early American Room. Hostesses for the Luncheon are Mrs. Stanley Springer, Stanford; Mrs. Roy Dossett, Stanford, and Mrs. Lloyd Swaar, Mason City.

At 2 o'clock all delegates will reassemble in the LaSalle Room for the Report of the Resolutions Committee and the Election of Officers and Directors.

Crop Reports

Reports on the acreage, condition and yield of grain and field seeds are always welcome.

Rockford, Neb., Jan. 3.—We have a crop of corn of very excellent quality; new wheat looks very good, plenty of moisture and normal acreage.—A. L. Burroughs, mgr., Rockford Grain Co.

Austin, Tex.—A record high of 7,382,000 acres of winter wheat have been seeded by Texas farmers. This is 8 per cent above last year and 67 per cent over the 10-year average.—P. J. P.

El Dorado, Kan.—Butler county farmers have seeded about 60,000 acres of wheat for the 1947 harvest. This is about 5,000 acres more than for the 1946 harvest. At last reports the wheat was in excellent condition.—P. J. P.

Olympia, Wash.—Washington state wheat ranchers on Jan. 9 had seeded 2,276,000 acres of winter wheat and if weather conditions remain normal the crops should run close to 61,452,000 bus., Agriculture Director Fred Martin said.—P. J. P.

Indianapolis, Ind.—The Indiana winter wheat acreage sown this fall for the 1947 crop is estimated at 1,594,000 acres, a 14 per cent increase over the acreage sown in 1946. The crop is reported in excellent condition.—Fred K. Sale, Sec'y, Indiana Grain & Feed Dealers Ass'n.

Pullman, Wash.—Washington led the nation in the yield of wheat per acre in '46, Washington State College agronomist reported in releasing department of agriculture figures. Washington had an average yield of 29.4 bus. per acre, compared with a national average of only 17.8. Idaho was second with 28.8 and Ohio third with 26.5.—F. K. H.

Charleston, W. Va.—Reflecting a downward trend that started in the 1920's, West Virginia's white corn crop totaled 1,734,000 bus. in 1946, only 17 per cent of the total corn yield of 10,200,000 bus, the Co-operative Crop Reporting Service announced Dec. 31. Nationally, white corn represented less than 12 per cent of the record-breaking 1946 general corn crop.—P. J. P.

Springfield, Ill., Dec. 30.—Dec. 1 wheat condition is reported at 95 per cent compared to 87 per cent last year, and the 1935-44 average of 83 per cent of normal. The indicated 1947 winter wheat production for Illinois is 22,384,000 bus., based on the relationship of such factors as Dec. 1 reported condition and weather thru November, and resulting yields in past years.—A. J. Surratt, agri. statistician in charge.

Kansas City, Mo.—White corn production in Kansas declined approximately 3,000,000 bus. in 1946. A survey by the Bureau of Agricultural Economics and the Kansas State Board of Agriculture revealed that 1946 production was 9,485,000 bus. as compared with 12,387,000 bus. in 1945. White corn production amounted to only 15 per cent of the total in 1946 as compared with 17 per cent in 1945 and 22 per cent in 1943 and 1944.—P. J. P.

Boise, Ida.—Idaho farmers planted an estimated 909,000 acres of winter wheat during the fall of '46, for a new Gem State record. The total compares with 826,000 acres sowed last year and the 630,000 acres annual average for the '45 and '46 period. In spite of the cold fall delaying germination and slowing growth of much of the crop, it was advised the wheat was better than average condition when inspected on Dec. 1.—F. K. H.

Springfield, Ill., Jan. 1.—The greatest of all corn crops by a margin of 70 million bushels more than offset the heavy disappearance and still left a record corn supply on farms on Jan. 1. In fact the Jan. 1 farm reserves of corn exceed by nearly 7 million bushels the average production of corn in Illinois for the ten-year period from 1934 thru 1943. Most of the 1946 corn crop was of high quality.—A. J. Surratt, agri. statistician in charge.

Topeka, Kan., Dec. 27.—The outlook for the growing crop is just perfect. The government says nearly 15,000,000 acres have been seeded. This is a 6 per cent increase over 1946 and a 11 per cent increase over a ten-year average. The condition Dec. 1 was 94 compared with 78 reported last year and 73 for a ten-year average. The estimated production on this basis

would be 239,904,000 bus. Some of the Kansas wheat growers in the west are now claiming they have enough subsoil moisture to assure a 1948 crop also. This is going some.—The Derby Grain Co., F. A. Derby.

Lafayette, Ind., Jan. 8.—Prospects for Indiana's wheat crop are the highest ever reported, with the exception of one year, based on Dec. 1 conditions, according to the recent report by Purdue University Agricultural Experiment Station and Federal Crop Statisticians. The forecast for the 1947 production is 35,068,000 bus., or 18 per cent more than in 1946, about the same as the 1945 crop but 32 per cent more than the ten year average. The crop was given a good start with above normal temperatures and ample moisture. The early seedlings were in dry ground but rains came in time to germinate the grain so that stands were excellent on Dec. 1.

Pullman, Wash.—The amount of smut found in the Pacific Northwest wheat this year has leaped to more than double that of last year. Federal inspection of carload lots at Spokane, Puget Sound and Columbia River terminal points showed that the wheat graded "smutty" and that 8.2 per cent of the cars showed this. This is an increase of 4.5 per cent over last year. The percentage of carloads grading "smutty" in '45 was 3.8. In '44 was 3 per cent and in '43 was down to 2.8 per cent. The big jump in '46 would seem to indicate the farmers are getting careless in treating their seed or that a larger acreage of smut susceptible varieties is being planted.—F. K. H.

Corpus Christi, Tex.—A 20 per cent decrease in grain sorghum plantings in the Texas Gulf Coastal Bend was forecast after a survey among farm leaders in the area. Last year's bumper crop of grain sorghums, which brought farmers \$20,000,000, and shipped more than 700 carloads from the Coastal Bend, will give way somewhat to cotton for which an increased planting of 35 per cent has been predicted. The break in the cotton market last fall is given as the reason for the planting of grain sorghums again this year in spite of serious consideration of soil conservation. Some of the area's farmers who have planted grain as many as three years in succession on the same land report a decrease in yield of as much as 50 per cent.—H. N.

Kansas City, Mo., Jan. 11.—Average protein of 2,980 cars of wheat tested during December by the Kansas City office of the Kansas grain inspection department was 11.82 per cent and 2,042 cars tested by Missouri averaged 11.62 per cent. The total of 5,022 cars tested by both departments averaged 11.74 per cent protein, compared with 11.29 per cent on 3,337 in December, 1945. For the crop year to date, July thru December, the Kansas department averaged 11.59 per cent on 24,517 cars tested, against 11.38 per cent on 28,001 cars in the same month a year ago, while the Missouri department averaged 11.50 per cent on 19,643 cars in the six months of the crop year, compared with 10.99 per cent on 21,961 cars in a similar period a year ago. A market average of 11.55 per cent is shown on the total inspections at Kansas City so far for the crop year of 44,160 cars, compared with 11.21 per cent on 49,962 cars in the corresponding six months of the preceding crop year.

MURPHYSBORO, ILL.—Murdale Airport claims to be the first airport in this area to show a profit from soybeans planted between the runways. The board of directors announced a return of \$1,500 on a \$5,000 investment, with \$200 derived from the soybean crop.—P. J. P.

Grain Dealers Study Bugs and Rats

Evansville, Ind.—A meeting of the grain dealers and elevator operators of southwestern Indiana was held here Jan. 16. The purpose of the meeting was to give grain handlers the latest information on insect and rodent control and on the new federal food and drug act covering these food pests. Prof. Glenn Lecker, of the entomology department of Purdue University, and Dr. Carl Mohr, associate entomologist of the Illinois natural history survey were among the speakers. Besides the grain dealers, extension workers and farm leaders from several southwestern Indiana counties were present.—W. B. C.

White Corn Production 1946

Production of white corn in Kansas for 1946 declined about 3,000,000 bus. from 1945 and is estimated at 9,485,000 bus. this year compared with 12,387,000 bus. a year earlier, according to the Bureau of Agricultural Economics and Kansas State Board of Agriculture.

White corn production in 1946 comprises 15 per cent of the total corn production for the State, compared with 17 per cent in 1945 and 22 per cent in both 1944 and 1943. This downward trend in white corn in proportion to total corn produced has been rather consistent during recent years partly due to the earlier development of adapted yellow hybrids. The lower production of white corn this year is also partly due to the relatively poorer crop in northwestern and north central counties where production of this class is the heaviest.

White corn accounted for less than 12 per cent of the record-breaking United States production of all corn in 1946. This is equivalent to nearly 380 million bushels of white corn, compared with nearly 2,868 million bushels of yellow corn and 40.5 million bushels of other types.

The current information confirms the downward trend in the proportion of white corn indicated in previous surveys. In 1917, about 1,183 million bushels or 41 per cent of all corn grown was white and in 1918 the proportion was about 970 million bushels, or 40 per cent of all corn. In 1942 the proportion of white corn had dropped to 15.5 per cent of all corn, in 1943 to 14.9 per cent and in 1944 to 14.0 per cent. No survey was made in 1945.

One of the major uses for white corn is for milling and preparation of corn grits, hominy and fine meal for baking the various types of corn bread for human consumption, particularly in the South. In recent years millers have offered premium prices for white corn and thus have helped to minimize the shift to yellow varieties. But the shift appears to be continuing and is largely attributed to the growing popularity of hybrids. Most adapted hybrids now available are yellow types, tho white hybrids adapted to the Corn Belt are being developed.

Some white corn is produced in every state but most of the production is located in two main areas. In the South, Tennessee, Georgia, North Carolina, Alabama, Mississippi, Kentucky and South Carolina, listed in order of importance, form an area in which 55 per cent of all white corn in 1946 was grown. In the Corn Belt, the states of Illinois, Nebraska, South Dakota, Missouri, Minnesota and Kansas—listed in order of importance—together contribute 20 per cent of the total. Thus these two areas, embracing 13 states produced three-fourths of all white corn grown in 1946. In 1917 the Corn Belt produced 57 per cent of all white corn and nearly twice as much as the entire country in 1946.

The attractive premium offered continuously for white corn during recent years should result in an increased acreage.

Leaking in Transit

Grain dealers can help shippers in the collection of claims for loss by reporting to Grain & Feed Journals Consolidated for free publication car initials, No., place, date and condition of car seen leaking grain in transit.

Recently we have received reports of the following leaking cars:

L. & N. 6438 going south thru Broadmoor, Ill., on the C. & N.-W. Ry., early in January was leaking corn.—E. J. Rees & Son, C. Rees.

Grain Movement

Reports on the movement of grain from farm to country elevator and movement from interior points are always welcome.

Toledo, O.—This is the first winter in many years that the Maumee Bay port is without a cargo of storage grain.

Rockford, Neb., Jan. 3.—Not able to take care of all offerings of corn because of shortage of cars.—A. L. Burroughs, mgr., Rockford Grain Co.

Jamaica, Ill., Dec. 30.—The car situation on the C. & E. I. Railroad is terrible. Is there anything you can do to help us get more box cars?—Farmers Elvtr. Co.

New Orleans, La.—At one time late in December there was an accumulation of 500,000 bus. of wet corn, hot and sour, at the public elevator. The situation has since improved.—P. J. P.

Seattle, Wash.—Sixty thousand tons of mid-west corn will be brought to Pacific Northwest for shipment in a dual program to get grain to Japan and Korea, and box cars to the Northwest.—F. K. H.

Kansas City, Mo.—Carlot shipments of leading grains from Kansas City in December, with 1945 comparisons in parentheses: Wheat, 5,471 (5,821); corn, 1,846 (1,143); oats, 259 (300); sorghums, 204 (643); barley, 63 (162).

Kansas City, Mo.—It was learned in grain circles here the first part of January that plans are being formulated to export 1,500,000 tons of grain in January compared to 1,100,000 tons in December, with increased shipments in coming months.—P. J. P.

Seattle, Wash.—Fourteen ships will transport approximately 110,000 measurement tons of meat and 30,000 tons of corn to Japan from the Pacific Northwest ports in January, it has been announced here by Col. Fenton S. Jacobs, port of embarkation commander.—P. J. P.

Wichita, Kan.—Near capacity shipments of flour from local mills have been going out the past few weeks. Total capacity of all Wichita mills is 112,800 sacks per week; 105,000 sacks were shipped the week ending Dec. 28, while

112,000 sacks left the week ending Dec. 21.—E. W. F.

Council Bluffs, Ia., Jan. 13.—More farmers are selling corn than in any year since the start of the war, taking loans at \$1.08 per bushel instead of selling on the open market at \$1.14. Up to Saturday, 171,000 bus. had been placed under loan by 150 west Pottawattamie County farmers and 49 applications for loans were pending.

Winchester, Ind., Jan. 3.—Corn receipts have again picked up; we are handling a good volume from as far west as Iowa, trying to run our drier night and day. With the future markets so much lower than the cash, we have been selling our grain just as fast as we get it in.—Goodrich Bros. Co., C. C. Barnes, Exec. V.—Pres.

Portland, Ore.—Columbia River boats and barges in their down-stream movement thru Bonneville locks established a new record for 1946. There were 47,296 tons of wheat moved down the Columbia. Virtually all of this wheat originated in the upper river and passed through the Celilo canal on its way down to Vancouver and Portland.—F. K. H.

St. Joseph, Mo.—St. Joseph grain receipts in 1946 totaled 32,657,640 bus., including 16,521,680 bus. of wheat, 7,707,040 corn, 6,206,800 oats, 38,060 rye, 552,900 barley, 217,160 sorghums and 1,414,000 soybeans. Production from the record of 46,503,110 bus. in 1945 was mainly in corn and sorghums, which grains were in scarce supply during most of 1946.

Kansas City, Mo.—Receipts of wheat at this market Jan. 20 totaled 580 cars, against 448 cars a year ago. The movement is unusually heavy for this time of year. Since Jan. 7 when the C.C.C. made its buying price \$2.07 the government agency has bought in this market 31,350,000 bus. of wheat. The Chicago office of the C.C.C. discontinued buying wheat the morning of Jan. 21.

Falls City, Neb.—Since Dec. 1 more than 80,000 bus. of Richardson County corn has been sealed in cribs and pledged for Federal corn loan. This is more than twice the amount sealed in the entire crop year 1945 when 32,130 bus. were pledged for loans. Officials said the small amount sealed last year was due to the fact that the market price was far above the loan figure.—P. J. P.

Woodson, Ill.—Open gondolas bringing gravel for road surfacing in southern Morgan County have been pressed into service, Wm. E. Thomson, Jacksonville, Ill., president of the Woodson Farmers Elvtr. Co., announced at the annual meeting, and up to date of the meeting 10 carloads of corn had been shipped to market in

the gondolas. The corn is covered with light composition building paper weighted down by ordinary car doors.

Spokane, Wash.—Federal inspection of wheat at the Spokane terminal in December reached 1,526 carloads bringing the total of inspections for the season to date to 10,024 cars. This compares with the similar period of the year previous of 9,777. Pasco reported 950 inspections for last month and 4,391 for the year. Portland had 775 cars for December and 6,373 for the year. Inspections of Montana wheat for December totaled 295 carloads.—F. K. H.

Kansas City, Mo., Jan. 13.—The largest wheat arrivals for this market since Sept. 3 was witnessed today with 514 cars received. A check of records for 15 years shows that largest January receipts of wheat were 494 cars on Jan. 3, both in 1944 and 1932. On Jan. 18, 1943, the inflow amounted to 401 cars. Transportation interests attribute the spurt in movement to delivery of more cars by eastern lines and greater speed in loading following relief from severe weather of early January.

Portland, Ore., Jan. 4.—Pacific Northwest wheat was being moved rapidly this week under a rail priority order by Interstate Commerce Commission, to speed up exports. The order directed the railroads to give "preference and priority over all other traffic to supply or placing box cars" for loading export wheat in Washington, Oregon, Idaho and at Paradise or Troy, Mont., and points west, to the extent of these weekly quotas: Union Pacific, 390; Great Northern, 90; Northern Pacific, 210; S. P. & S., 30; Chicago Milwaukee St. Paul & Pacific, 30.—F. K. H.

Janesville, Wis., Jan. 10.—Altho offerings have been extremely light, buckwheat sold last week in the Minneapolis market at the low point for this year's crop. This decline was apparently due to the lack of any buckwheat flour demand from pancake mixers. The buckwheat market is so narrow and supplies now so light that any new demands could easily bring about sharp price advances. Current prices are still low when compared to the normal differentials of other grains.—Blodgett's Buckwheat Bulletin.

Emden, Ill.—Edward B. Jeckel, manager of the Emden Farmers Elevator, predicted late in December there would be a big movement of corn to elevators in January. In the last three months of 1946 the elevator handled more corn than during the entire year of 1935. Most of

Corn Movement in December

Receipts and shipments of corn at the various markets during December, compared with December, 1945, in bushels, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	3,455,949	340,204	690,000	100,000
Chicago	14,634,000	9,549,000	7,916,000	5,299,000
Duluth	148,385	7,160	22,950	710
Ft. William	.....	142	23,540	1,061
Ft. Worth	312,000	168,500	48,000	1,500
Indianapolis	3,379,600	3,573,500	2,398,700	1,956,500
Kansas City	6,743,900	3,690,700	2,769,000	1,714,500
Milwaukee	1,033,820	767,120	645,900	53,100
Minneapolis	2,963,100	2,547,200	1,465,400	1,529,600
Omaha	4,580,464	4,230,521	4,129,200	4,747,200
Philadelphia	580,573	146,223	436,213	57,769
Portland	328,110	62,471	.....	.....
St. Joseph	1,679,040	1,323,520	779,680	776,160
Seattle	408,195	142,434	.....	.....
Superior	89,163	1,780	.....	.....
Toledo	1,582,700	760,000	1,054,000	436,800
Wichita	6,800	10,200	5,100	3,400

Oats Movement in December

Receipts and shipments of oats at the various markets during December, compared with December, 1945, in bushels, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	960,185	997,039	1,558,778	302,230
Chicago	1,883,000	2,302,000	1,872,000	2,707,000
Duluth	696,445	2,813,755	953,445	1,775,560
Ft. William	3,341,074	3,910,949	2,162,984	1,890,572
Ft. Worth	254,000	332,000	28,000	64,000
Indianapolis	370,000	337,500	432,500	495,000
Kansas City	666,000	686,000	518,000	600,000
Milwaukee	177,100	345,000	215,825	147,250
Minneapolis	4,622,500	6,302,400	4,602,500	6,434,400
Omaha	532,400	1,051,600	664,650	976,800
Philadelphia	811,134	295,861	990,022	56,179
Portland	65,085	102,542	.....	.....
St. Joseph	356,360	531,000	92,040	125,080
Seattle	195,500	163,300	.....	.....
Superior	76,766	966,602	261,344	893,494
Toledo	275,000	392,600	302,500	338,100
Wichita	.....	6,000	.....	4,000

Wheat Movement in December

Receipts and shipments of wheat at the various markets during December, compared with December, 1945, in bushels, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	2,430,610	7,146,661	2,484,207	7,364,557
Chicago	1,194,000	1,518,000	749,000	3,491,000
Duluth	4,142,865	7,299,525	14,219,320	10,617,395
Ft. Wm.	11,230,425	16,332,692	15,891,934	13,951,155
Ft. Worth	1,813,000	1,024,800	1,162,000	893,200
Hutchinson	4,692,000	8,444,000	.....	.....
Indianapolis	340,200	415,800	210,600	298,800
Kans. City	9,144,000	6,480,000	9,300,700	9,895,700
Milwaukee	9,600	336,000	261,560	992,625
Minneapolis	9,370,400	8,441,600	4,251,700	3,976,000
Omaha	2,106,533	1,616,700	2,987,400	1,857,600
Phila.	1,393,678	3,119,384	2,704,750	3,994,828
Portland	1,732,578	2,380,155	1,286,959	2,136,235
St. Joseph	1,377,410	1,037,130	649,790	1,234,420
Seattle	2,452,950	3,198,657	.....	.....
Superior	1,959,610	3,389,358	3,374,057	3,463,464
Toledo	1,332,875	5,298,300	828,000	1,866,600
Wichita	3,061,800	1,423,800	3,465,600	2,604,600

Soybean Movement in December

Receipts and shipments of soybeans at the various markets during December, compared with December, 1945, in bushels, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	106,290	.....	173,146	.....
Chicago	1,575,000	647,000	1,482,000	306,000
Ft. Worth	115,200	.....	.....	.....
Indianapolis	214,000	113,800	179,200	144,000
Kansas City	697,000	139,400	1,052,500	586,500
Milwaukee	104,000	81,600	.....	.....
Minneapolis	1,407,600	85,500	.....	.....
Omaha	168,000	19,200	73,600	104,000
Philadelphia	100,794	.....	37,453	.....
St. Joseph	84,000	35,000	15,750	12,250
Toledo	277,100	129,600	44,200	36,800
Wichita	34,200	3,600	.....	.....

Rye Movement in December

Receipts and shipments of rye at the various markets during December, compared with December, 1945, in bushels, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	33,657	50,432	.....	.....
Chicago	363,000	604,000	96,000	303,000
Duluth	.....	99,085	.....	206,225
Ft. William	664,335	274,337	118,814	165,792
Ft. Worth	.....	.....	1,500	.....
Indianapolis	.....	.....	.....	5,400
Kansas City	27,000	88,500	22,500	90,000
Milwaukee	21,060	17,820	22,230	18,810
Minneapolis	447,100	441,600	317,900	329,600
Omaha	176,653	171,000	173,053	315,000
Philadelphia	21,633	10,301	26,000	56,327
Portland	8,833	.....	24,429	.....
St. Joseph	1,730	5,190	3,460	5,190
Seattle	3,324	.....	.....	.....
Superior	.....	.....	.....	20,573
Toledo	1,600	7,500	3,200	.....

Barley Movement in December

Receipts and shipments of barley at the various markets during December, compared with December, 1945, in bushels, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	2,000	54,724	.....	.....
Chicago	1,552,000	1,227,000	269,000	537,000
Duluth	566,855	1,383,740	2,529,050	1,202,000
Ft. William	3,281,593	2,865,810	1,945,935	1,129,484
Ft. Worth	4,800	34,000	.....	.....
Hutchinson	122,000	390,000	.....	.....
Indianapolis	.....	42,000	.....	16,000
Kansas City	100,800	516,800	100,800	259,200
Milwaukee	2,421,900	2,365,000	681,050	892,980
Minneapolis	4,888,700	3,895,200	4,577,100	3,159,000
Omaha	104,000	376,000	168,433	338,000
Philadelphia	553,174	.....	433,293	.....
Portland	100,733	93,578	24,438	.....
St. Joseph	17,100	91,200	.....	26,600
Seattle	59,961	153,628	.....	.....
Superior	324,000	301,588	1,242,729	6,459,357
Toledo	8,000	72,000	.....	22,500
Wichita	.....	.....	1,600	11,200

the corn handled so far has been surplus—above the crib storage on farms. Yields of 80 bus. an acre were common. The elevator received an 88-bu. average from an 80-acre farm and another farmer reported 97 bus. an acre from an 18-acre tract.—P. J. P.

Portland, Ore.—With three ships now loading wheat in the Columbia River, the army has nine more ships due to load grain cargoes in this district during January, all for Japan and Okinawa. The three ships now loading, the Archbishop Lamy, Sieur de La Salle and Howard Stansbury, will take 25,000 long tons of wheat. The others will load 48,200 long tons of wheat, 23,800 long tons of corn, 5,000 long tons of barley and 1,000 long tons of oats, bringing the total movement for the month to 103,000 long tons, a record for the past-war era.—F. K. H.

Ottawa, Ont., Jan. 16.—Receipts of wheat and coarse grain delivered from farms in western Canada the week ended Jan. 9, expressed in bushels, were: Wheat, except durum, 2,692,431; durum wheat, 59,969; oats, 1,177,993; barley, 819,712; rye, 36,730; flaxseed, 2,404; since Aug. 1, 1946, with 1945 figures for the like period in parentheses: Wheat, except durum, 232,084,976 (172,588,505); durum, 5,937,168 (3,036,545); oats, 55,090,375 (57,673,856); barley, 44,009,727 (53,342,735); rye, 4,496,849 (2,559,425); flaxseed, 4,763,613 (4,474,481).—Herbert Marshall, Dominion Statistician.

Topeka, Kan., Dec. 27.—The big movement is over, and most corn is fairly well dried out. The white corn, which is largely open pollinated, is mostly one to two per cent higher moisture than the yellow which is 90 per cent Hybrid. Corn that is now on the farms will not be moved in a hurry. Farmers don't need the money and there is lots of feeding. Trucks still taking a lot of the corn. Truck prices now are about equal to shipping prices. Box car situation still very bad.—The Derby Grain Co., F. A. Derby.

Springfield, Ill., Jan. 16.—Illinois farm reserves are the largest on record for corn, above average for oats, and below average for soybeans and wheat, according to the Jan. 1 survey of the Illinois and Federal Departments of Agriculture. The present favorable position of the

THE NEW YORK Produce Exchange has inaugurated future trading in bleachable refined soybean oil. The contract unit is 60,000 pounds.

February Grain Exports Allocated

The U. S. Department of Agriculture has announced export allocations of 1,204,500 long tons of wheat, flour (in wheat equivalent), corn and other grains (approximately 46,092,000 bus. total) for February. This is the largest tonnage scheduled for any month since the beginning of the 1946-47 season.

With unshipped balances of grain and flour from preceding months, the February shipments of grain and grain products could total 1,500,000 tons at the accelerated rate of recent loadings and exports. Meanwhile, the January exports are expected to total about 1,500,000 tons, or approximately 300,000 tons more than the revised estimates of shipments in December.

The February allocations of 1,204,500 long tons consist of 428,000 tons of wheat, 395,000 tons of flour in wheat equivalent, 323,000 tons of corn, 42,500 tons of grain sorghums, and 16,000 tons of barley. The program is within the broad pattern of requirements recognized by the cereals committee of the International Emergency Food Council.

The February allocations of flour include a proportion of the quantities which had been announced in December for ten of the countries now under export license, covering the January-March 1947 quarter. All of the announced January-March flour programmed for the ten countries has been purchased by claimants. The February allocations also include flour for the United Kingdom, the United States Army, and UNRRA. Procurement for the army and UNRRA will be made by the Production and Marketing Administration.

supply of feed grains on farms results from the record 1946 corn crop and large oats crop. The disappearance from 1946 production plus carryover of old grain supplies has been the largest on record at 98 million bushels for oats. Corn disappearance from farms at 148 million bushels is second only to that of 164 million in the last quarter of 1939.—A. J. Surratt, agr. statistician in charge.

Halifax, N. S., Jan. 1.—Complaints have been made that the Canadian National and Canada Harbors Board grain elevators on the Halifax harbor front are not being used to anywhere near capacity this winter. It is claimed that enough grain to keep the elevators busy is not being railed into Halifax, altho the winter grain business here is supposed to be a standby of gross port traffic, with the grain of Canada loaded on steamers for Europe handled each winter at the ports of Halifax and St. John, N. B. The two St. John elevators have been functioning to capacity since late November, and this will likely continue until mid-April, when the grain will be shifted to the St. Lawrence River ports of Quebec and Montreal. Those ports will be open to navigation with breakup of ice in the river.—Wm. McN.

Grain Elevator Management School

The next three-day school of the veterans' related training program in grain elevator management, which is being sponsored by the Illinois Country Grain and Feed Institute and the State Board for Vocational Education, will be held at the University of Illinois, Urbana, Monday, Tuesday and Wednesday, Jan. 27, 28 and 29. The program will deal with the sidelines normally handled by country grain elevators, such as, feeds, building materials, and fertilizers. The following program has been arranged with some of the topics to be presented as part of the annual Farm and Home Week program.

Monday, Jan. 27

Morning—Room 201 Agricultural Engineering Building

- 9:00—Registration and announcements.
- 9:30—Materials and Their Use for Farm Buildings—D. G. Carter, Agricultural Engineering Department, College of Agriculture, University of Illinois.
- 10:30—Farm Building Plans—Keith H. Hinchcliff, Agricultural Engineering Department, College of Agriculture, University of Illinois.

Afternoon—Room 103 Mumford Hall (New Agriculture Building)

- 1:00—Fertilizers and Soil Improvement—A. L. Lang, Agronomy Department, College of Agriculture, University of Illinois.
- 3:00—Feed Ingredients—H. G. Russell, Department of Animal Husbandry, College of Agriculture, University of Illinois.

Tuesday, Jan. 28—Livestock Management Morning—University Auditorium

(These topics are a part of the Farm and Home Week program of the Animal Husbandry Department.)

- 9:00—Livestock Farming As A Business—J. L. Edmonds
- 9:25—Getting Started in Livestock—H. G. Russell
- 10:00—High Quality Feeds for Livestock—T. S. Hamilton
- 10:25—Feeding and Management of Sheep—W. G. Kammlade

Afternoon Session

- 1:00—Feeding and Management of Hogs—J. L. Krider
- 1:25—Feeding and Management of Poultry—L. E. Card
- 2:00—Farm Records Point the Way to Livestock Profits—M. L. Mosher
- 3:00—Address by George D. Stoddard, President, University of Illinois

Wednesday, Jan. 29—University Auditorium (Farm and Home Week Program of the Agronomy Department)

- 9:00—Results of the 1946 Illinois Hybrid Corn Tests—G. H. Dungan
- 9:25—Developing New Corn Hybrids—R. W. Jugenheimer
- 10:00—Aeroplaning Insects—G. C. Decker
- 10:25—The Plant Disease Situation—Benjamin Koehler and W. B. Allington
- 11:00—New Ideas on Weed Control—L. V. Sherwood

Afternoon Session

- 1:00—Growers' Opinions of Clinton Oats—J. C. Hackleman
- 1:15—The Crop Prices and Production Outlook—L. F. Stice
- 2:00—Visit Swift and Co's Soybean Processing Plant

Precautions Against Elevator Fires

By V. I. CHAMPLIN, general superintendent of elevators for Archer-Daniels-Midland Co.

First: Keep the house clean and keep enough sweepers on the job to prevent at all times the accumulation of grain dust.

Second: Watch elevating legs continuously while elevating grain and shut the house down immediately if a leg chokes. Don't run any of the equipment or machinery until the leg is cleared, and an inspection made of the head. When a leg chokes, the head pulley continues to rotate, and the friction between the head pulley and the elevator belt soon generates enough heat to ignite the belt. When this happens in a wooden house, it is a foregone conclusion that it will go up in smoke. In a concrete house the hazards are equally as great, as an explosion of dust usually follows with more disastrous results, since the men in the elevator rarely have a chance to escape, and loss of life is inevitable.

Third: Watch all bearings carefully and if a bearing is giving trouble and starts to heat, have a man stationed at the bearing to watch it constantly until it has cooled.

Fourth: Do not allow rubbish to accumulate in the elevator, and make sure that all oily waste is stored in metal containers. Many fires have originated from spontaneous combustion in oily waste and rags.

In case smoke or the odor of smoke is discovered, shut the house down at once until the source is located.

C.C.C. Wheat Loans

Commodity Credit Corporation through Dec. 31, 1946, had completed 9,332 loans on 19,063,998 bus. of 1946 wheat in the amount of \$27,558,623.94. The wheat loans made include 11,092,498 bus. stored on farms and 7,971,500 bus. stored in warehouses. The average amount advanced was \$1.445 per bushel which includes some transportation charges from the area of production to warehouse locations. On the same date last year 33,616 loans had been completed on 55,564,226 bus.

Loans repaid through December total 1,743 on 3,276,785 bus. in the amount of \$4,758,369.60. The liquidations include 1,305,234 bus. stored on farms and 1,971,551 bus. stored in warehouses. Outstanding wheat loans Jan. 1, 1947, total 7,589 on 15,787,213 bus. in the amount of \$22,800,254.34.

State of origin	Loans completed Dec. 31 '46 (Bushels)	Loans repaid through Dec. 31 '46 (Bushels)	Loans outstanding Jan. 21 '47 (Bushels)
Calif.	48,603		48,603
Colo.	673,180	90,740	582,440
Del.	24,085		24,085
Idaho	1,797,072	231,450	1,565,622
Ill.	1,225		1,225
Ind.	2,967		2,967
Iowa	943		943
Kan.	1,227,955	283,910	944,045
Md.	65,399		65,399
Mich.	27,153	4,780	22,373
Minn.	272,449	70,408	202,041
Mo.	17,049	2,089	14,960
Mont.	1,101,832	107,823	994,009
Neb.	2,031,276	290,666	1,740,610
N. J.	1,849		1,849
N. Mex.	38,935	1,972	36,963
N. D.	2,312,371	466,034	1,846,337
Ohio	73,119	998	72,121
Okla.	126,000	28,014	97,986
Ore.	1,574,244	437,720	1,136,524
Penn.	18,961	2,194	16,767
S. D.	2,641,676	332,343	2,309,333
Texas	245,589	55,816	189,773
Utah	370,014	85,454	284,560
Va.	725		725
Wash.	4,072,539	766,162	3,306,377
Wyo.	296,788	18,212	278,576
Total	19,063,998	3,276,785	15,787,213

THE COMMISSIONERS of agriculture of the states of the deep south recently completely reversed their position on import tariffs by demanding protection on agricultural products, not only on cotton but including products of western and northern farmers.

Grain and Feed Trade News

Reports of new elevators, feed mills, improvements; changes in firms; fires, casualties, accidents and deaths are solicited.

ARKANSAS

Hamburg, Ark.—The Hamburg Feed & Seed Store has been opened here by Connie Petrus and Alon Williams.—F. J. P.

Rogers, Ark.—Crain Bros. have opened a feed and appliance store here, with Hubert Crain as manager of the feed department.

DeWitt, Ark.—A new feed store has been opened here by Milton Irvin Simpson, formerly with the Farmer's Co-operative Elevator Co.—P. J. P.

Hope, Ark.—The Ada Milling Co. of Ada, Okla., producers of flour, has purchased a building here and will service a wide area of dealers. Salesmen of the company will operate out of Hope, which will afford the company a direct rail route from its mills in Oklahoma.—P. J. P.

Blytheville, Ark.—Plans for the 1947 Mississippi County soybean crop will be mapped soon by a special planning committee credited with enabling growers to realize an additional \$200,000 net profit in 1946. The program for the last year included two combined operation and adjustment schools, advice on market prices, a variety testing program and a search for better yielding, early maturing bean.—P. J. P.

CALIFORNIA

Modesto, Cal.—The Grange Co. has received C.P.A. authority to build a \$75,000 feed mill here.

Richmond, Cal.—The California Milling Co.'s grain elevator was destroyed by fire Jan. 18, the loss estimated at \$100,000.

Oakland, Cal.—Spontaneous combustion in the popcorn drying unit of the Albers Bros. Milling Co. was believed to have been responsible for a three-alarm blaze at the plant's 5-story drying unit, Dec. 18. Many tons of grain were destroyed and one fireman was injured fighting the fire. Damage was estimated at \$40,000.

Fresno, Cal.—A group of progressive grain and feed dealers from five San Joaquin Valley counties met here Jan. 6 to discuss problems of vital interest to the trade. One local problem considered needing early action was credit. Feed accounts represent production loans. Further consideration will be given on how to prevent heavy loss to dealers, and paying customers, from bad feed accounts, at the next meeting set for February 4, at Hanford.—I. J. Stromnes, sec'y, California Hay, Grain & Feed Dealers Ass'n.

CANADA

Ottawa, Ont.—The Canadian Wheat Board on Dec. 19 issued an order prohibiting sale of wheat or any wheat product for distilling purposes unless such wheat or wheat product is unfit for human consumption. The order said the step was being taken at the request of the federal government and that sale of wheat unfit for human consumption must also be approved by the board. Price would be based on current class 2 export wheat prices.

COLORADO

Hudson, Colo.—The Denver Elvtr. Co.'s elevator has been given a coat of aluminum paint.

Lamar, Colo.—The former Denver Alfalfa Milling & Products Co. will be known in future as the National Alfalfa Dehydrating & Milling Co.

Denver, Colo.—T. James Lowe, 25, who had been associated with his father in operating a feed and grain business here, died Jan. 7.—P. J. P.

Burlington, Colo.—A. G. Kirschmer, prominent as a wheat grower in Northwest Kansas and Eastern Colorado, will build a 100,000-bu. elevator here.

Longmont, Colo.—Dave McGee, formerly of Liberal, Kan., recently purchased a feed and seed business here and has taken over operation of the business.

Denver, Colo.—Lawson J. Harris, 46, a worker at the Crescent Flour Mills, was overcome by chlorine gas fumes escaping from a mixer on Dec. 29. He was taken to the Denver General Hospital for treatment where his condition was pronounced fair.—P. J. P.

Denver, Colo.—The Colorado Grain, Milling & Feed Dealers Ass'n will hold its annual convention here Feb. 17 and 18, Vincent Kerwin, pres. of the Association, announced. One of the features of the convention will be a conference of executives of the Rocky Mountain Empire states on problems arising out of post war experience. The conference is being sponsored by the Grain & Feed Dealers National Ass'n with headquarters in St. Louis. Officers of the Colorado association include Mr. Kerwin of Pueblo, pres., and Ralph Farr, Greeley, vice-pres.; L. L. Yowell, Holyoke; W. B. Johnson, Longmont; Charles Deaver, Hayden; H. E. Lague, Monte Vista; Alfred E. Owens, Colorado Springs; L. W. Hiser, Durango; H. C. Harrison, Arriba; Dell Gerdum, Denver; John Conley, Denver; Vern Howey, Grand Junction and Lloyd Case, Fort Collins, exec-sec'y.

ILLINOIS

Cushman (Sullivan p. o.), Ill.—I bought the local elevator from A. F. Davis.—J. B. Craig, Jr.

Ottawa, Ill.—Ed Farley, local representative of Norris Grain Co., is recovering from an operation on the prostate gland.

Paris, Ill.—Norman Callow of the Illinois Cereal Mills, Inc., has been elected president of the Chamber of Commerce.—P. J. P.

Buda, Ill.—S. C. Bartlett Grain Co. is planning to build a grain elevator here next spring to replace the one that burned last March.

Newman, Ill.—Glenn William Robinson, 50, associated for several years with the Federal North Iowa Grain Co., died Dec. 24.—P. J. P.

Elwin, Ill.—Paul Fulton, who has been park commissioner for several years at Sullivan, Ill., has resigned and joined the personnel of local Farmers' elevator.—P. J. P.

Jerseyville, Ill.—The Jersey County Grain Co., which operates grain elevators here and at McClusky, this year paid out more than \$7,000 in dividends to patrons.—P. J. P.

Jerseyville, Ill.—Heavy purchases of baled alfalfa have been made in Jersey and Greene Counties by processors of mill feeds in East St. Louis and is to be used in making certain types of dairy and poultry feed. One Green County resident reported selling 1,500 bales.—P. J. P.

Rockport, Ill.—Phillip Austin Wyatt, 79, employed by the Anderson & Garner Elvtr. Co., and later by the M. D. King Milling Co., for many years, died Dec. 9.

Mendon, Ill.—The Mendon Elvtr. Co.'s elevator and 20,000 bus. of soybeans were destroyed by fire on Jan. 9. The loss was estimated at \$100,000 by Vernon O'Brien, the owner.—P. J. P.

Lewistown, Ill.—Ipava Farmers Elvtr. Co. is building a feed and seed house on the lot Dwight Brown recently purchased from Opie Lambert. The steel building will be 20 x 36 ft.

Alton, Ill.—Unusually mild weather during December resulted in excellent progress in the construction of the Russell-Miller Mfg. Co.'s large mill building, James R. Mulroy, manager, reported.—P. J. P.

Raleigh, Ill.—Raymond Rhine and two sons, R. L. and Paul Rhine, have gone into the feed business, renting a building four miles north of here. It will be known as the Jot 'em Down Feed Store.—P. J. P.

Mascoutah, Ill.—Tools and equipment valued at almost \$500 were stolen from the soybean plant of the Postel Milling Co. recently and included electric saws and drills, a cutting torch and extension cords.—P. J. P.

DeLand, Ill.—Amos Weedman has resigned as manager of the DeLand Farmers Co.-op. Grain Co. after 25 years' service, his resignation effective Apr. 1. He will devote his time to looking after his farm interests.

Bethany, Ill.—Members of the Bethany Grain Co.'s bowling team were guests at a steak supper recently, entertained by the Legion Bowling Team, losers in a bowling contest that resulted in a score of 2,547 to 2,310 in favor of the grainmen.

Decatur, Ill.—Francis A. Walker, sales manager of the specialty division for the Decatur Milling Co. and traffic manager for many years, has resigned to become manager of the Blue Cross Plan, Decatur Hospital Service Corporation.—P. J. P.

Pittsfield, Ill.—Employees of the M. D. King Milling Co. held a Christmas party at the mill on the afternoon of Dec. 24. M. D. King, president of the mill, presented Christmas bonus checks, based on length of service with the company.—P. J. P.

Pinckneyville, Ill.—The Twin County Service Co., dealer in feeds, seeds, grains, fertilizers and other products, at its annual meeting here Dec. 19 reported a gross income business increase of more than \$120,000, and \$33,788 was returned to patrons as a patronage refund.—P. J. P.

Pekin, Ill.—Chas. Henry Clifford, 37, was critically injured recently when he fell down a shaft at the W. W. Dewey & Sons grain elevator. He sustained a fracture of the right leg, severe head lacerations and a possible skull fracture. He was removed to Pekin hospital.

Champaign, Ill.—A three-day school in the veterans' related training program in grain elevator management sponsored by the state grain dealers associations and the state board of vocational education, is scheduled to be held at the University of Illinois Jan. 27 to Jan. 29. The program will deal with the side lines normally handled by country grain elevators, such as feeds, building materials, fertilizer and seed. This is to be one of a series of such three-day schools.—P. J. P.

LOOKING FORWARD

Outlook for civic betterment - trade and commerce - brighter than a year ago. At this writing Congress has been in session a few days only. And here are a few suggestions to members:-

FIRST - do away with *disgraceful* filibustering - it's not statesmanship - it's *gabble* and *chatter*.

SECOND - see to it that the wording of *any new law* is plain, concise - covers the intent, purpose and meaning of the Act. Many laws are *too loosely* drawn.

THIRD - make it a *criminal offense* for political *pressure groups* and *lobbyists* to carry on in Washington during sessions of Congress - the FBI to see that such a *law* is *enforced*. Leaders of groups mentioned may appear only when requested by chairmen of legislative committees.

FOURTH - there are *now 531 members* in our present Congress. Men in authority say that *half* the number - with salaries doubled - limit on terms of office - would give us *more and better legislation* in *half* the time - and save a lot of money. Each state *should follow* the pattern. And then *statecraft* will be *catching up* with science and invention. No thought of criticism - but - we must all remember - "*this is a land of new tomorrows.*"

Chicago,
January 6,
1947.

LOWELL HOIT & CO.

Lacon, Ill.—The Prairie Grain Co. will build a 140,000-bu. grain elevator at the edge of town, with a 4,000-bu. per hour drier included in the plans. Tentative plans call for six 100-ft. bins, the total elevator structure to be 127 ft. high.

Paris, Ill.—The Illinois Cereal Mills has let a contract to Crosby Construction Co. for a modern mill to replace the one destroyed by fire last year. Work has been started on a five-story corn mill, and a four-story specialty building, and plans are being drawn for the new elevator.

Woodson, Ill.—L. E. Roegge, manager since 1941, was re-elected to that position at the recent annual meeting of the Woodson Farmers Elevator Co. Edward Jordon will remain as assistant manager in charge of the Murrayville elevator. Wm. E. Thomson, Jacksonville, was re-elected president.

Champaign, Ill.—Wm. D. Clower, 48, a farmer, was sentenced to a three-months' term

at the Illinois State Farm at Vandalia and placed on two years' probation in a Champaign County Circuit Court after he had been found guilty of the theft of 50 bus. of shelled corn from a St. Joseph elevator.—P. J. P.

Farmer City, Ill.—An office building of the Gring & McCord Elevator Co. here was destroyed by fire Jan. 4 with a loss of \$6,000. In the building were tools, a quantity of new machinery for the new elevator including a number of motors, and 50 gallons of paint. It was the second fire in eight months at the elevator. The main building was destroyed with a loss of \$100,000 last spring. A workshop is to be built at once. H. C. Gring, a partner in the firm, said work was continuing on the new plant but that the fire would set back the work temporarily. The new elevator has been in operation since Oct. 16.—P. J. P.

Merritt, Ill.—Nord Adkison has brought suit against A. B. Chrisman, his former em-

ployer, demanding \$25,000 damages, claiming he has been "greatly injured in his credit and reputation and brought into public scandal, infamy and disgrace" as the result of burglary and larceny charges filed against him in Scott County. Adkison states in the suit filed in Morgan County that he was in Chrisman's employ as a clerk at the Merritt elevator when the sum of \$181.03 disappeared from the elevator office on Dec. 4, 1944. He claims he was suspected of the theft, which he did not commit, placed under arrest on a warrant obtained by Chrisman, and held in jail. At the conclusion of a trial in Scott County Circuit Court he was found not guilty and acquitted of the charge, he sets forth in the suit.—P. J. P.

CHICAGO NOTES

Jos. Kahn, a member of the Board of Trade since 1930, passed away Jan. 11.

Henry Holt, Jr., and Denis M. Hogan have been admitted to Thomson & McKinnon as general partners.

Horace O. Wetmore, vice-pres. of the First National Bank of Chicago, was elected to membership in the Board of Trade.

Directors of the Board of Trade Jan. 7 authorized the initiating of futures trade in October and November 1947 lard, effective Thursday, Jan. 9, 1947.

Earl G. Wallingford, vice-pres. of Mensendieck Grain Co., Kansas City, Mo., and Irwin H. Suchan, asst. treasurer of Stratton Grain Co., Chicago, recently were admitted to membership in the Board of Trade.

Carl W. Grier has been appointed manufacturing executive of General Mills Central division. He will direct the manufacturing activities of plants at Chicago, Minneapolis, Kansas City, Wichita, Kan., Louisville, Great Falls, Mont., and Kalispell, Mont., with his headquarters at the company's central division offices here.

Jas. A. Noble died Jan. 15 following complications of a fractured hip suffered when he fell on the ice in front of his home at Blue Island. He was born on a farm near Chicago in 1862, and became identified with grain inspection in 1890 as a helper. He earned promotion to second assistant inspector of the Illinois State Grain Inspection Department. For two years he was a member of the appeals committee. For four years he was superintendent of Elevators A and B at South Chicago. Jan. 1, 1920, he was appointed chief of the Board of Trade sampling department and retired a few years ago. He has been a member of the Board of Trade since 1923.

At the annual election of officers of the Board of Trade held Jan. 13, J. O. McClintock, candidate by petition, was elected to the presidency over Harry C. Schaack, incumbent, by a vote of 523 to 421. Mr. McClintock is vice-president of the Continental Grain Co. For 1st and 2nd vice-pres., both unopposed, Richard F. Uhlmann and G. Willard Hales were selected, respectively. The full regular slate for the five vacancies on the Board of Directors was elected, with Earle M. Combs, Jr., Sylvester J. Meyers, Frank A. Miller, Thos. E. Hosty and James B. Skidmore named to serve the regular three-year term. The first four directors were all re-elected, while Mr. Skidmore's term will be his first one. Selections for the Nominating Com'tee were Wallace Templeton and Edward A. Green. For places on the Appeals Com'tee: Clinton S. Beach, Chas. D. Olsen, Eugene F. Havey, Edward J. Kazmarek and George Deniston. To serve on the Arbitration Com'tee, the following were elected: John E. Brennan, John E. Wall, Raymond A. Gerstenberg, Raymond C. Templeman and L. H. Peiterson. Interest in the election was the most widespread in many years. The total vote of 950 ballots which were cast has not been exceeded in over 20 years. Previous high votes were 837 in 1932, 824 in 1927, and 787 in 1929.—F. C. Bisson, Director of Public Relations.

INDIANA

Bourbon, Ind.—The Bourbon Elvtr. & Feed Mill has been incorporated and is operating as Bourbon Elvtr. Co., Inc.

Terre Haute, Ind.—The Kibler Feed Mill, Inc., has been incorporated; 500 shares, n.p.v.; incorporators, Roy A. Kibler, Elizabeth Kibler and Kenneth G. Kibler.

Madison, Ind.—William F. Winter, 74, retired miller who was well known to the trade in southeastern Indiana, died Dec. 27 after a short illness.—W. B. C.

Laotto, Ind.—The Laotto Elvtr. Co. has been incorporated; 1,000 shares of \$25 p.v.; incorporators: Royal Clapp, Eugene Kraus, Nondes Clapp and Jewell Kraus.

Boonville, Ind.—Otto C. G. Roller, for many years general manager of Boonville Mills, Inc., has been chosen secretary of the Boonville Chamber of Commerce.—W. B. C.

Indianapolis, Ind.—The Indiana Grain & Feed Dealers Ass'n, Inc., has arranged a tentative program for its annual convention to be held here Jan. 27 and 28.—Fred K. Sale, sec'y.

North Salem, Ind.—The North Salem Grain Co.'s office was entered by burglars the night of Dec. 20 whose loot included an adding machine, cash register, typewriter and other small articles.

Washington, Ind.—The annual Davies County grain show was held here Dec. 27 and 28. There were displays of corn, wheat, soybeans, lespedeza, clover, alfalfa and oats on the first floor of the courthouse.—P. J. P.

New Castle, Ind.—Wilson Grain & Implement, Inc., has been incorporated, listing 2,000 shares of n.p.v. stock, and naming as incorporators Carl T. Wilson, Wm. H. Shockley, and Lois Y. Shockley. The Wilson Grain, Inc., also has been incorporated, listing 1,000 shares of n.p.v. stock, and incorporators as Carl T. Wilson, Denver H. Wilson and Dolores R. Wilson.—P. J. P.

Butler, Ind.—Chas. F. Longaker of New York, N. Y., who recently purchased the milling property and elevator of Pliny Gratz at Waterloo, has bought the Butler Milling Co. of Walter Mondhank, and will operate the same in connection with the Waterloo mill and grain company. Mr. Longaker will equip the local plant for grinding feeds and will buy all kinds of grain. He is moving his family to Auburn.

Indianapolis, Ind.—New members recently enrolled in the Indiana Grain & Feed Dealers Ass'n include Keglovich Feed & Produce Co.; B. & R. Grain Co., Cottage Grove; Knowles Grain Co., Attica; Warren Grain & Feed Co., Warren; Waterloo Mills, Waterloo; Hiatt's Feed & Grain Co., Lebanon; T. E. White Co., Fort Wayne, Ind.; Bremen Alfalfa Mills, New Bremen, O.; New England By-Products Corp., Boston, Mass.—Fred K. Sale, sec'y.

Indianapolis, Ind.—Under a special ruling issued by the Internal Revenue Bureau of the Treasury Department, the deductibility of the Indiana Gross Income Tax in computing adjusted income of an individual taxpayer who operates a trade or business, is now approved. This reversal of previous ruling by the Bureau means that an individual taxpayer who operates a trade or business may now deduct the Indiana Gross Income Tax paid on income derived from his trade or business, as a business expense, on line 13 of Schedule "C" of Page 2 of his return. The Treasury Department will honor a refund for all taxes, penalty and interest paid in error covering Indiana Gross Income Tax disallowed under Schedule "C" as a business expense. Such claims must, of course, be filed within the two-year statutory period of limitations as provided in the Internal Revenue Code. Corporation and partnership returns heretofore have allowed this deduction. Claims for recovery, if same have been paid, can be filed for the years of 1944 and 1945 before March 15, 1947.—Fred K. Sale, sec'y Indiana Grain & Feed Dealers Ass'n.

Selma, Ind.—The Farmers Co-op. Co. has been sold.

Rushville, Ind.—Orme Elevator, Inc., has purchased the Rush County Hatchery, which it will operate in conjunction with the elevator.

IOWA

Avoca, Ia.—The Doyle Milling Co.'s property has been purchased by Maurice Van Nostrand of Benedict.

Ashton, Ia.—The Farmers Elvtr. Co. is installing a new grain drier, Al Umhoefer, manager, announced.

Fenton, Ia.—The Farmers Elevator recently constructed an addition in which a new grain drier was installed.

Cherokee, Ia.—The Farmade Products Co. has installed a new pellet mill in its feed mill, F. C. Campbell, manager, announced.

Cherokee, Ia.—James F. Weart has sold his coal company to Lloyd B. Darling, owner of the Farmers Grain Co.—Art Torkelson.

Garnaville, Ia.—The Farmers Supply Co., owned by the Brandt Bros., opened a new modern building near their feed mill.—A. G. T.

Dubuque, Ia.—The Virginia-Carolina Chemical Corp., manufacturer of fertilizer, is building a \$150,000 factory, office and machine shop here.

Council Bluffs, Ia.—The Edward J. Heck & Sons Co. has been organized, to buy, sell, handle and manufacture feed dealer supplies. Capital stock is \$25,000, \$100 p.v.

Stanton, Ia.—Aaron Focht has been appointed manager of the Stanton Co-op. Co.'s elevator and coal business, succeeding Arvid Sellergren, who resigned because of ill health.

Union, Ia.—Errol Johnson has sold his elevator, operated as Johnson & Bartine, to Edward Packer. Mr. Johnson would have been in the elevator business here 20 years next June.

Kensett, Ia.—R. H. McCallum, manager of the Farmers Co-op. Elevator at Britt, Ia., recently purchased the Ed Mellem elevator. Possession will be given Jan. 15.—A. G. T.

Shenandoah, Ia.—The personnel of Johnson Bros. Mill and their wives enjoyed a three course turkey dinner at the Hotel Delmonico recently. Following the dinner, gifts were exchanged.

Alleman, Ia.—J. Roy Johnson, 60, formerly manager of the Farmers Elevator as well as handling his own business, died Jan. 9 at Phoenix, Ariz., after a three years' illness.—A. G. T.

Des Moines, Ia.—Don E. Edison, sec'y of the Farmers Grain Dealers Ass'n of Iowa, addressed the DeWitt (Ia.) Chamber of Commerce at its recent January meeting, discussing the subject of grain marketing.

Lake Park, Ia.—An attempt was made to enter the Arnold Grain Co.'s office one night recently, by prowlers who broke thru a window screen and glass but were frightened away when a dog, left in the office, barked.

Allison, Ia.—Bert Pooley is building a feed warehouse north of his office building at the Pooley stockyards. The warehouse is 80 x 26 ft. Extending the length of the building will be a loading platform. The building will be covered with metal sheeting.

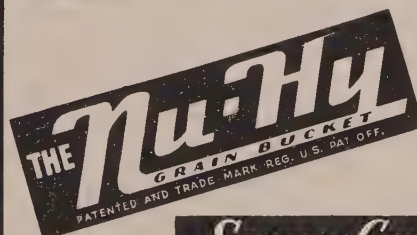
Alta, Ia.—The Quaker Oats Co. is taking down its elevator building west of the Farmers Elevator. The old building has not been in use for the past several years. The lumber salvaged will be used to construct an annex to the company's present elevator.

Northwood, Ia.—R. T. Nelson of Cedar Rapids, formerly county farm bureau agent for Worth County, has been named manager of the local Farmers Elevator. He will assume his new duties Feb. 1. Mr. Nelson succeeds H. H. Douglass, who resigned because of ill health after serving as manager for 22 years.

Beaman, Ia.—The Beaman Co-op Grain Co. recently held its annual meeting and selected Wesley H. Bein as its president. The annual report shows a yearly sales of \$456,578, an increase of 75 percent over the 1945 business. Patronage dividends for the year totaled \$17,898. Plans are being made for some extensive improvements.—A. G. T.

Keota, Ia.—Frank Lillig, 49, manager of the Lillig Feed Store, suffered bruises and possible rib injuries the night of Jan. 5 in Chicago when three men pushed him into a hotel room, beat and robbed him of \$800. Howard Stouner, 36, local farmer, awakened by the noise, went to Lillig's aid and also was beaten by the men, who took \$100 from him. Both local men were removed to St. Luke's Hospital in Chicago for treatment of their injuries.—A. G. T.

WHAT AN IMPROVEMENT in ELEVATING CAPACITY ..when "NU-HY" BUCKETS are INSTALLED



Here are some of the reasons: 1. The "Nu-Hy" Bucket picks up a capacity load and holds it . . . the high lip is responsible. 2. There is minimum spillage . . . the high ends of the Bucket retain the load and are shaped to fit the contour of adjoining buckets on the belt, eliminating "loss-gaps." 3. The bucket has the proper contour to empty quickly . . . it doesn't force part of the load down the down leg. 4. The buckets are secure on the belt, eliminating hinging action when passing over pulleys . . . the bolt holes are indented to embed the belt. Better traction is made possible because the bolt heads don't contact the pulleys.

Why not join the thousands of grain elevator operators who have installed Nu-Hy's and increased their elevating capacity ranging from 10% to 100%. Send for our Capacity Analysis Form No. 76, which will help us to point out what improvements can be made in your elevator legs without rebuilding expense.

Screw Conveyor Corporation

702 HOFFMAN ST.

HAMMOND, IND.

ENGINEERS

PRODUCTS

MANUFACTURERS

TRADE MARK REG. U.S. PAT. OFF.

Randall, Ia.—Jens Gertsen of Story City, who has operated the Randall Feed Co. here for several years, has sold his interest in the business to his partner, Kermit Voga, and will leave soon with his family for California.

Cedar, Ia.—Harry Patten and Percy Noel, both of Oskaloosa, have leased the Cedar Elevator from James McCurdy, who purchased it in 1945 from H. E. McBurney. Patten has been manager of the elevator and Noel, salesman. They will continue in the same capacities. Mr. McCurdy will continue operation of the elevator at Fremont as previously, of which C. O. Tandy is manager.


Centerville, Ia.—Warren Langfitt, of Indianola, and Clifford Herndon, Centerville, together in the Fifth Armored Division in World War II, have opened a feed store on Highway No. 60 at the city limits. On Jan. 8 coffee and pancakes were served at the store to all who called. Mr. Langfitt was seed buyer and analyst before the war with the W. L. Reid & Son feed and seed company at Jamesport, Mo.

Radcliffe, Ia.—The Quaker Oats Co. recently purchased 5.5 acres of ground close to its present elevator on which it will construct an experimental corncob crib, and install mechanical handling equipment, hoping thru experiments to be able to find a cheaper and better way to handle corncobs, thus helping the farmer to dispose of this waste material. During the war Quaker Oats Co. handled many thousands of tons of corncobs for use at its furfural plants.

MICHIGAN'S LEADING
Elevator Equipment and Supply House
Everything in Elevator and Feed
Grinding Equipment
Michigan Agents for
Stalmitz Moisture Testers—Saginaw Feed Mixer
Flack-Pennell Co. Saginaw, Mich.
Phone 25181



**DOAK
SPOUT HOLDER**
It loads your car evenly
with very little effort and
expense.
T. S. McSHANE CO.
OMAHA



**THE FACT STILL REMAINS
that
SUPERIOR ELEVATOR CUPS
are
MADE STRONGER
will
LAST LONGER
have
GREATER CAPACITY**
and will operate more efficiently
at less cost than other elevator
cups.
"DP"—"OK"—"CC"—"V"
Write to
K. I. WILLIS CORPORATION
MOLINE, ILLINOIS
for names of distributors
and analysis form No. 20.

Des Moines, Ia.—Morris M. (Malcolm) Nutt, 63, died Dec. 31 following a heart attack. For the past 4 years he had been associated with Lamson Bros. & Co. in their local office. He previously had been in the brokerage business with Goodbody & Co., and the previous 22 years to that, with Harper & Sons. He is survived by his widow and a daughter.

Corning, Ia.—F. F. Augustine, who has been associated with the Hinck Mills for the past year, has purchased a half interest in the business, with John Hinck as the owner of the other half, and the firm name has been changed to the Red Star Mills. Business policies of the firm will remain the same. Both Mr. Augustine and Mr. Hinck will be active in the management of the business. The firm deals in grain, seed, feed and fertilizers, in addition to custom feed grinding.

Oelwein, Ia.—Robert Dove and LaVern Steffen have purchased the elevator, grain and feed business from Ralph Sprague, operated as the Sprague Hatchery & Elvtr. Co., and are operating the business. Mr. Sprague will confine his attention to farm implements and service household equipment in his usual location on First Ave. SE. Dove has been operating a 320-acre farm southwest of Waverly, and Steffen recently returned from military action in New Guinea and the Philippines. The firm will operate as Dove & Steffen, dealers in grain, feeds, seeds and fertilizers.

Gaza, Ia.—Keith Stiles, 45, was suffocated in an accident at the Gaza Elvtr. Co.'s elevator Dec. 26, while loading corn. He was cleaning a clogged spout and, it is believed, walked on top of the corn in the bin, crusted by dampness, and fell thru a pocket formed under the grain, causing a landslide of corn on top of him. A hole was cut in the side of the bin at once in order to release him, and the fire department and doctors worked over him for an hour in a vain effort to revive him. Mr. Stiles was a resident of Primghar. His widow and one son, recently discharged from military service, survive him.

Burlington, Ia.—A series of fires at the Wayne Elevator at the foot of High St. on the river front, is under investigation by the police and fire department, who believe them to be incendiary origin. The fourth fire in six months started in a pile of cob dust at the bottom of a bin Jan. 2. Firemen extinguished the blaze before any damage resulted, a spot about 8 inches in diameter having burned. Last July 5 the elevator was destroyed by fire and was since rebuilt. On Oct. 7 a fire was discovered and extinguished and again a small blaze was put out about 30 days ago, but not reported to the fire department at that time.

KANSAS

Bushton, Kan.—The Bushton Grain & Supply Co. will build an elevator costing approximately \$50,000.

Moundridge, Kan.—The Co-op Elvtr. Co. has received C. P. A. approval to construct a \$10,000 feed building.

Burns, Kan.—The Farmers Co-op Union has been given C. P. A. approval for construction of a poultry and dairy products market.

Altamont, Kan.—George Mozingo, formerly of Parsons, Kan., recently purchased and is operating the Alex Pollock Feed Store & Produce.

Fort Scott, Kan.—Chas. Leist of Garland recently purchased the Coleman Feed & Seed firm, and has taken possession of the business under the name of the Leist Feed & Seed Co.

Topeka, Kan.—J. R. Shimer, Topeka feed dealer, received special recognition from the Ralston Purina Feed Co. for his achievements in farm sanitation. He was praised for fighting agricultural production losses in poultry and livestock and thus saving Shawnee County farmers mortality costs during the last year.—P. J. P.

Groveland, Kan.—The Wall-Rogalsky Milling Co. will build a 32,000-bu. elevator here, supplementing its present 23,000-bu. house. Chalmers & Borton have the contract.—G. M. H.

Axtell, Kan.—The grain office owned by W. B. Gallagher recently was destroyed by fire about 7:30 a. m. The fire is believed to have been caused by an overheated flue pipe.—G. M. H.

Scott City, Kan.—The J. E. Kirk Grain Co.'s new elevator has received its first coat of white paint. It was used several months without paint to allow the large concrete structure to dry thoroughly.

Brewster, Kan.—The Coffey Grain Co. will build a reinforced concrete grain elevator on ground formerly occupied by the Brewster stockyard. The project will consist of 6 tanks 120 ft. high.—G. M. H.

Haven, Kan.—John H. Baker of Bennington, Kan., recently became manager of the Farmers Co-operative Grain Co.'s elevator. Before entering military service, Mr. Baker held a similar job at Tescott, Kan.—G. M. H.

Herington, Kan.—Burglars broke into the office of the Continental Grain Co. recently by prying a hasp loose on the door. Approximately \$400 was taken from the safe, which was undamaged. The same evening the Robinson Elevator was entered and two sacks of flour stolen.—G. M. H.

Greensburg, Kan.—The Security Elevator will add grain storage space during the winter months. A crew of company workmen completed excavation work recently and the job of running the concrete will be pushed as rapidly as possible. R. C. Powers is manager of the elevator.—G. M. H.

Kiowa, Kan.—The State Line Milling Co. not only gave Christmas bonuses to its employees but played Santa Claus at a dinner party for the workers and their families. The bonus payments were made at the dinner table. The company is owned by David F. Johnson and Ben D. Blackburn.—G. M. H.

Iuka, Kan.—The Iuka Co-operative Exchange has started preparations for the construction of a 100,000-bu. grain elevator which will be ready before the next harvest. Workmen razed old loading docks along the Missouri Pacific preparatory to pouring foundations for the bins. Leslie Wilson is manager.—G. M. H.

Windom, Kan.—The Wall-Rogalsky Milling Co. has awarded contract to Chalmers & Borton to build a 100,000-bu. elevator here on Santa Fe right-of-way east of Main St. Concrete bins will be 110 ft. high, and construction of the elevator will be similar to the company's elevator at Conway.—G. M. H.

Fort Scott, Kan.—Robbers recently forced an entrance to the Fort Scott Elvtr. Mill's office, knocked the handle from the door of the safe and damaged the dial, but were unsuccessful in opening the strong box. It was necessary to have the safe opened by locksmiths because of its damaged condition. E. J. Englehart operates the mill.

LaCrosse, Kan.—Construction of the 100,000-bu. grain elevator for the Farmers Union Co-operative Mercantile & Elvtr. Co. got under way recently. Chalmers & Borton have the contract. The new structure will cost \$50,000 and will be of concrete and steel construction, to be completed next spring in time for the 1947 harvest, Thomas Basgall, manager, said.—G. M. H.

Coffeyville, Kan.—C. P. Gordon has sold the Gordon Feed & Seed Co. (retail store) to Bill Guy, who has been employed there since August. Mr. Guy has taken over the business and is operating as Guy's Feeders Supply. Steve Aduddell, manager of the Gordon Seed Co., next door to the retail store, stated that business as a separate organization will remain unchanged, concentrating to operate entirely in the wholesale field and with the Gordena Feed Mill.

McPherson, Kan.—The KBR Milling Co. was granted a permit recently for improvements to its storage tanks at 321 North Maple. The roof and tank tops will be repaired.—G. M. H.

Ellsworth, Kan.—Henry Janousek recently sold his grain elevator to Steve Homolka, operator of a truck line out of here. The Janouseks have been in the local grain business many years. Joseph Janousek was the first to operate the elevator, then for a time his brother, Emil, continued the business, followed by Joseph Janousek's son, Henry. Mr. Janousek has no definite plans for the present.—G. M. H.

Hutchinson, Kan.—New members recently enrolled in the Kansas Grain, Feed & Seed Dealers Ass'n include the following: Anthony Farmers Co-op. Elevator, Anthony; J. E. Sowder Seed Co., Toronto; Ling Grain & Supply Co., Jetmore; Lloyd Morrison, Salina; M. E. Boulware Grain Co., Modoc; Farmers Union Grain & Supply Co., Courtland; Lahey Grain Co., Moscow, Kan.—Orris E. Case, sec'y.

Girard, Kan.—Marion F. Logan, 49, manager of the Kansas Flour Mills, died Dec. 22 in the University of Kansas hospital at Kansas City, Kan. He had been ill for about a year with a heart ailment and was taken to the hospital ten days before he died. Mr. Logan had been with the Kansas Milling Co. since 1929. He was manager of the mill from 1935 to 1936 and returned from Fort Scott as manager May 10, 1945.—G. M. H.

Peabody, Kan.—The office and elevator of the Peabody Milling Co. were destroyed by explosion and fire Dec. 29. The blaze was discovered when an explosion racked the building shortly before 7 a. m., but it is believed that the fire had been burning inside for some time. No one was in the building and no loss of life or injury resulted. Local fire fighters were aided by a fire truck from Newton, Kan. A warehouse belonging to the milling company located west of the elevator, and a feed mill room were saved. About 10,000 bus. of grain were destroyed with the buildings and equipment, including at least one truck, Allan Poe, manager of the milling company, said. Cause of the fire was believed to be either an overheated stove in the office or defective wiring. Firemen fought under difficulties because of zero temperatures. The mill property is owned by the Jallose estate and is leased by the milling company, which owns all the grain and equipment. Poe said that the stock was completely covered by insurance but insurance would not cover the loss of buildings and equipment.—G. M. H.

MARYLAND

Hagerstown, Md.—Tom Grosh, 53, for 16 years district representative in Western Maryland for Kasco Mills of Toledo, O., died at his home in Hagerstown on Jan. 12. He had been elevated in June to the position of division manager which he was forced to relinquish soon after because of ill health. In partnership with his brother, Luther, Mr. Grosh in the early 1920's started a feed store at Cumberland, Md. He later became a salesman for the J. J. Badenoch Co.

MICHIGAN

Linden, Mich.—The grain elevator and office building of Floyd Lott & Son were destroyed by fire Dec. 29. The Lott family purchased the elevator recently.

Coldwater, Mich.—Frank L. Flack, 69, proprietor of the Black Hawk Mill, died of a heart attack recently. Burial took place at Hilton, N. Y.—F. W. Y.

Menominee, Mich.—The Consolidated Products Co., Danville, Ill., processors of semi-solid buttermilk products for livestock and poultry feed, will open its branch plant here early in January, with Arno Dill as local manager.

Olivet, Mich.—The Farmers Grain & Fuel Co. has opened an office in the Montague Bldg. A stock of feeds and seeds will be carried at the store in season.

MINNESOTA

Minneapolis, Minn.—A blaze in a grain chute of a grinding mill at the General Mills, Inc.'s plant Jan. 4 was checked quickly by firemen.—P. J. P.

Rush City, Minn.—The Rush City Co-op. Ass'n has started operation of its new feed mill, housed in the new building recently constructed for it.

Albert Lea, Minn.—Ralph Spleltz, manager of a grain company here, estimates that the soybean harvest in Freeborn county this year netted farmers \$1,500,000.—P. J. P.

Frazee, Minn.—Mel Wothe, an ex-service man, is new operator of the Frazee creamery feed mill, succeeding Ernie Panter. Mr. Wothe formerly operated the mill before entering service and since his discharge has been employed there.

Humboldt, Minn.—Ralph Kempf, manager of the Humboldt Farmers Elevator Ass'n, has moved into the company's new office, which, however, is not completely finished. Construction of the 65,000-bu. elevator being built to replace the one that burned last fall, is nearing completion. The Ass'n plans to build in the future an annex which also will have a 65,000-bu. capacity.

Minneapolis, Minn.—Jack H. Gennrich, 22, St. Paul, and Carl Swanson, 53, Wyoming, Minn., were overcome Jan. 10 by fumes from wet grain at the site of the Union Elevator fire of Dec. 19 as they were attempting to get samples of damp barley in the storage bins. They were rescued by firemen, who lowered them 115 ft. by ropes and ladders from the tops of the tanks.

Melrose, Minn.—The Munson Feed Co. of Howard Lake, Minn., has purchased a local tract of land 225 ft. frontage by 150 ft. deep where it will build a steel quonset building 40 x 80 ft., where new machinery will be installed, expected to be ready for the manufacture of feeds about March 1. Eddie and Vernon Munson will have charge of the new plant, with Vernon as resident manager.

MISSOURI

Croker, Mo.—Sharp's Grain & Supply Co. has been incorporated with authorized capital stock of \$50,000, by Hugh W. Sharp and Jos. E. Sharp.

De Soto, Mo.—Joseph Jones, formerly of De Soto, has been advanced by the Ralston Purina Co. to manager of the company's California division.—P. J. P.

Hannibal, Mo.—T. W., K. W., and J. P. Bleigh, and F. T. O'Dell have incorporated the Marion County Milling Co. with \$100,000 authorized capital stock.—E. W. F.

Chillicothe, Mo.—C. F. (Pat) Powelson, 58, widely known Missouri milling man, died Jan. 8 at his home here following an illness of a year and a half. He was associated with the Schreiber Mills of St. Joseph, Mo.—P. J. P.

Jackson, Mo.—Robert Wulff, who had been connected with the Absogood Packing Co. since his return from war service, has purchased the feed store and hatchery from the company and has leased for his business the new quonset building recently completed.—P. J. P.

St. Louis, Mo.—H. R. Diercks, local manager for Cargill, Inc., was elected president of the Merchants' Exchange at the Jan. 8 election. H. E. Halliday, associated with C. H. Williamson & Co., was named first vice-pres.; E. A. Cayce, vice-pres. of Ralston Purina Co., second vice-pres. Directors for two years named were D. W. Livingston, H. W. Vogel. The retiring president, R. E. Nye, automatically becomes a director for 1 year. The following directors were elected in 1946 for a term of 2 years and continue in office through 1947: H. F. Beckmann, R. E. Lungstras, W. K. Woods, Jr.

Helton (Hannibal p. o.), Mo.—The newly organized Marion County Milling Co. will erect a \$100,000 alfalfa mill and dehydrating plant here, the structure to be completed by May 1. The plant will employ 30 persons. All equipment has been ordered and delivery has been promised in early 1947. During the alfalfa cutting season the plant will operate around the clock on a 24-hr. basis and the capacity is expected to be from 25 to 30 tons every 24 hrs. Fuel oil will be used for power until natural gas becomes available. The plant will generate its electricity with a 430-volt generator, which has been purchased and delivered.—P. J. P.

GRAIN FUMIGATION FACTS

An Informative Series of Questions and Answers
on Treating, Insect and Grain Handling Problems



Anyone wishing more detailed information on this or other subjects related to grain fumigation is invited to write us. Questions will not be subject to sales arguments, but will receive honest answers within the limits of our information.

No. 41 Is DDT practical for controlling insects in grain?

No. DDT is a *contact* insecticide, killing insects by contact only. Any satisfactory control method would therefore require thorough admixture of DDT with the grain. But since DDT is a *residual poison*, that is, one which would remain indefinitely on any treated substance, it therefore could not safely be applied on grain.

THE **Weevil-Cide** COMPANY
THE DEPENDABLE GRAIN FUMIGANT
1110 HICKORY STREET
KANSAS CITY, MO.

St. Louis, Mo.—Ralph E. Smith, general manager of the cereal department of Ralston Purina Co.; J. D. Sykes, director of public relations, and F. W. Huntington, director of personnel administration, were elected vice-presidents of the company recently.

Boonville, Mo.—The Boonville Mill & Grain Co. is moving into its new feed mill and warehouse and resuming wholesale operations discontinued when the old mill burned in 1943, Bob Casanova, manager, announced. The mill company recently purchased the Forsee Flour & Feed Co. and is taking over its Nutrena and Dannen agencies in addition to wholesaling and retailing its own Red Head brands. Harry Forsee, operator of the Forsee company, will be in charge of the feed jobbing department for Boonville Mill & Grain Co. The new plant was erected on the site of the company's old mill.

Republic, Mo.—Blended Products, Inc., a division of CarO-Green, Inc., will build a blending plant and laboratory here. Bruce Varney, president, announced an expenditure of \$70,000 has been authorized for installation of modern continuous-type blending machinery and laboratory equipment in its local properties in conjunction with existing local cold and dry storage facilities. Completion of the installation is scheduled for Apr. 1 and will provide a blending capacity of approximately 250 cars of meal a month on the new crop. Blended Products, Inc., was formed recently to provide central blending, storage and laboratory facilities for the individual alfalfa meal dehydrators who hold stock ownership in the company.

KANSAS CITY NOTES

Hogan Bros. Grain & Feed Co., 1700 Liberty St., has been incorporated, to do business as a general grain and feed retail business, by Earl A., F. Edward, and Thomas R. Hogan. E. W. F.

The name of Quisenberry Mills, Inc., has been adopted by the former May Milling Co., effective Jan. 1. The change marks the adoption of the firm's feed brand name as the company's name also. Ownership and management remain the same. Russell May is president and Raymond Rust is sales manager of the company.

Officers and directors of the Kansas City Board of Trade elected to serve thru 1947, Jan. 14 tendered a buffet luncheon to members of the exchange, held on the trading floor from 12 to 1:30 p.m.

The cost of membership in the Kansas City Board of Trade is mounting, one of the recent membership transfers to the J. P. Parks Grain Co. reported for \$9,000. Memberships sold from \$8,000 to \$8,500 net last year, reaching that figure from a low of \$2,100 in January, 1944.—P. J. P.

James T. Leach has joined the J. P. Parks Co. as manager of the grain department of the firm, effective Jan. 1. Mr. Leach has been in the grain business in the southwest for many years, previously having been associated with the Mid-Western Grain Co. and before that with the Russell Grain Co.

Claud Hodson, 59, received a fractured right leg Jan. 12 when a pile of sacked feed fell on him at the Spear Mills, Inc., plant at 7901 East 17th St. Hodson, who was alone at the time of the accident, crawled to a telephone and summoned aid, later being treated at St. Joseph Hospital. He has been employed there 21 years.—P. J. P.

Loren W. Johnson, manager of the Kansas City division of Cargill, Inc., tendered a dinner at the Kansas City Club recently for Robt. W. Woodworth, assistant to the president of Cargill, Inc., and chairman of the National Grain Trade Council. Guests included officers and directors of the Board of Trade and members of the Exchange's legislative committee.

The executive board of the Midwest Feed Manufacturers Ass'n met here Jan. 13 and completed plans for a national agricultural forum to be held in conjunction with the association's convention here Feb. 20 and 21. Representatives of the various state agricultural colleges will discuss farm problems on the forum panel. Robert Kerr, former governor of Oklahoma, will be the chief speaker.—P. J. P.

Four new directors of the Grain Clearing Co. of the Kansas City Board of Trade were elected Jan. 7 as follows: F. W. Bartlett, Jr., F. E. Theis, John Stark and E. E. Klecan. The first three serve two years and Mr. Klecan one year. These and holdover directors elected the following officers for the year: W. B. Young, vice-president of Goffe & Carkener, Inc., president; Frank A. Theis, first vice-pres.; John Stark, 2nd vice-pres.; A. D. Thomason, sec'y-treas. Geo. C. Lee was re-elected manager and R. D. Cline was renamed ass't manager.

Kansas City, Kan.—Consolidation of Nutrena Feeds of Nutrena Mills, Inc., and Cargill, Inc., Feeds has been announced by John H. MacMillan, Jr., president of Cargill, Inc. Operations will be carried on under the name of Cargill Feed Division, Minneapolis, Minn. Nutrena Mills, Inc., which has 26 years of successful feed operation to its credit, will retain its identity as a subsidiary of Cargill, Inc. "Nutrena" will be the brand name of all feeds in the combined territory served, but during the transitory period feed in the former Cargill Feed area will be merchandised under the name "Cargill-Nutrena." Both companies have been actively engaged in the manufacture and distribution of poultry and livestock feed for several years, and together cover 15 states stretching from Canada to the Gulf. All personnel has been retained by the combined organization, but many persons will be transferred from here to the new headquarters at Minneapolis. R. E. Whitworth, president of Nutrena Mills, will be general manager of the new Cargill Feed Division. T. T. Hale, sales manager of Cargill Feeds, and J. C. North, executive vice-pres. of Nutrena, have been named assistant general managers. The area served by the combined operations has been divided into six districts to provide better service to customers.

R. H. Sturtevant was elected president of the Kansas City Board of Trade without opposition Jan. 7, and B. J. O'Dowd automatically succeeded to the first vice-presidency. Elmo F. Merrill was elected second vice-president. Successful candidates for six directors of the exchange are W. B. Young, who led the ticket, T. A. O'Sullivan, G. A. Johnson, R. J. Anderson, Edmund Marshall and G. F. Hilts. Hold-over directors are E. R. Jessen, F. J. Fitzpatrick, E. C. Meserve, Jr., W. R. Smith and J. B. Gregg. A successor for E. F. Merrill will be chosen by directors, with the position probably going to H. J. Smith because he received the seventh highest vote in yesterday's election. The newly elected arbitration committee will consist of H. G. Stevenson, C. J. Gundenflinger, L. J. Byrne, Jr., S. G. Cronin and John Blowers. The new officers will be installed at the next regular meeting Jan. 14.

ST. JOSEPH NOTES

Transfers of eight regular memberships in the St. Joseph Grain Exchange occurred in 1946, an unusually large number for the membership of forty-six in the organization. New members included W. F. Enright of Empire Trust Co., H. F. Musser of James E. Bennett & Co., A. E. Frank of Dannen Mills, Inc., Bruce O. Cottier of Quaker Oats Co., Norman H. Davis of W. S. Geiger Commission Co., R. R. Calkins of American National Bank, Stanley R. McClain of the St. Joseph Stock Yards Co., and Max Bates of Bates Grain Co.

St. Joseph, Mo.—Argell B. Plummer, grain buyer for The Quaker Oats Co. at St. Joseph for the local plants, and other industries of that company at Sherman, Tex., Los Angeles, Akron, Memphis and Cedar Rapids, was signally honored by the St. Joseph Grain Exchange on Jan. 14, when he was re-elected president of the Association for a third consecutive term. Mr. Plummer was formerly associated with Kansas milling concerns, and later with the Kansas Grain Inspection Department. He came to St. Joseph on March 1, 1939, as assistant in the grain department of the Quaker Oats Co., and was made head of that department in 1943. Election of Wm. G. Catron, Jr., as vice-pres. of the Exchange for 1947 brings into office a member not long resident of St. Joseph. Mr. Catron is local manager of the Russell-Miller Milling Co., and has recently served as a director of the Exchange; he was elected a member of the Exchange on Feb. 11, 1944. His company operates the Burlington elevator of about 950,000 bus. capacity. The election of directors of the St. Joseph Grain Exchange on Jan. 7 resulted in the continuation of Messrs. K. B. Clark, E. M. Louth, Fred Nuzum and C. D. Kieber as directors. W. S. Geiger was elected to a two-year term on the Board. New directors and officers of the Exchange will be installed at the annual dinner and business meeting held the evening of Jan. 14 at Hotel Robidoux.

MONTANA

Butte, Mont.—Aimed at relieving the fertilizer shortage in the Pacific Northwest phosphates deposits in southwestern Montana will be leased to individual companies. More than 200 acres in Silver Bow County rich with phosphate deposits offer the only opportunity to increase the supply for '47 crops. The area offered for lease is estimated to be capable of a minimum annual production of 2,000 tons.—F. K. H.

NEBRASKA

Swanton, Neb.—The Farmers Elevator, Inc., has purchased the L. F. Ellermeier elevator.

Royal, Neb.—After smoldering 16 months, fire which destroyed the Farmers Union Elevator Aug. 31, 1945, broke out recently, two separate piles of grain sending up smoke spirals.

MACHINERY AND SUPPLIES FOR GRAIN ELEVATORS AND FEED PLANTS

R. R. HOWELL CO.
MINNEAPOLIS, MINN.

EXPELLER REPAIRS

New Stellite Barrel Bars
Worn parts hard-faced

Dependable Service

BOWMAN

WELDING & METAL WORKS

Decatur 7, Illinois

Arnold, Neb.—The Farmers Co-op. Elevator now is operating on a full co-operative basis.

West Point, Neb.—Fred Meier has sold his feed and seed business to William Kaup, who has taken possession.

Bushnell, Neb.—The Lexington Mill & Elvtr. Co. is installing a new scale. Ed. Dunbar, manager, stated an addition to the elevator will be built in the near future.

Craig, Neb.—Gus Dose, 59, for nearly 33 years an employee of the Holmquist Grain & Lumber Co., died recently following a short illness of a heart ailment.

Daykin, Neb.—The Farmers Co-op. Elvtr. Co. has been given approval by C.P.A. for construction of an elevator here, to cost about \$45,000. Work will be started this spring.

Aurora, Neb.—A. T. Parris, 85, widely known thruout Hamilton County as a pioneer grain dealer, died Dec. 26. Mr. Parris spent nearly 50 years in the grain business before his retirement.

Swanton, Neb.—The Swanton Farmer's Elevator, Inc., has been incorporated with capital of \$40,000. The incorporators are: Ben L. Jiskra and Adolph F. Pivonka of Swanton, and Frank Runty of De Witt.—P. J. P.

Morrill, Neb.—John R. Jirdon Industries, Inc., has been chartered, to make and sell feed, capitalized at \$200,000. Incorporators are: John R. Gladys M., and Joyce Jirdon and Jeanne Jirdon Steen, Avery Scott and R. D. Hildebrandt.—G. M. H.

Superior, Neb.—The Burlington railroad has built a side track east from the Superior Milling Co.'s mill, to connect with the main track east of Bloom St. The mill has been on the end of a spur siding used jointly by it and the Armour & Co. plant.

Nebraska City, Neb.—The Schminke Milling Co. has installed a new 50-ton scale with 45-ft. deck. Improvements costing about \$10,000 recently were completed at the plant, including rebuilding of the offices and buildings and widening the driveway 45 ft.

Omaha, Neb.—James Welsh, son of J. L. Welsh of the Butler-Welsh Grain Co., recently was honored by being chosen one of 89 boys selected from World War II veterans to attend the American Legion College at Indianapolis, Ind., to receive training for future Legion work.

Gibbon, Neb.—The John Ross elevator has been purchased by Lloyd Meyer and Cliff Bossung, owners of the Dawson County Feed Products Co. at Lexington, who took over active management Dec. 23. The new company will be known as the Gibbon Grain & Hay Co., with Les Johnson, formerly of Lexington, as manager.

Bostwick, Neb.—A small fire that started from a gasoline motor in the engine room of the local elevator of E. W. Ely & Son did some damage but was brought under control by use of chemical fire extinguishers by Mgr. Arthur Gowilly and men in the elevator at the time, assisted by the Guide Rock firemen, before the arrival of the Superior fire department.

Omaha, Neb.—Warren C. Wells has been appointed manager of the Omaha branch of the Ralston Purina Co., succeeding W. R. Arends, who has been appointed manager of the company's Oakland, Cal., plant. Mr. Wells has served as Mr. Arend's assistant since August, 1945. He managed the Checkerboard Feed Store at Tuscaloosa, Ala., from 1941 to 1945.

Lincoln, Neb.—Four directors elected to the Lincoln Grain Exchange board of directors at the recent annual election were: J. M. Hammond, sec'y-treas. Gooch Milling & Elvtr. Co.; Cobe S. Venner; J. Edgar Paul, Paul Grain Co.; Walter S. Whitten. On Jan. 9 the following officers were elected: Pres., James M. Hammond; vice-pres., Cobe S. Venner; sec'y and treas., Walter S. Whitten.

Lindsay, Neb.—The Farmers Co-op. Elvtr. Ass'n is sponsoring an "Opening Day" celebration Jan. 15, afternoon and evening.

Beatrice, Neb.—The Aller Grain Co. has purchased the A. Palmer Co.'s warehouse on North Fourth St. Carl Aller stated the Pease Grain & Seed Co. will take possession March 1, continuing the warehouse's storage service but reserving a part of the building for the expansion of the company's seed processing operations. Additional equipment will be installed there as soon as it is available.

Gretna, Neb.—The Gretna Roller Mills and residence property of the late Mr. and Mrs. S. Weeth have been purchased by Gus E. Engberg of Pomona, Cal., who has purchased a line of mills in Nebraska. The new owner is operating the business under the name of Corn Belt Mills, Inc. J. Bliss of Fairbury, who has moved his family into the residence property, will be associated with the local mill's operation.

NEW ENGLAND

Somerville, Mass.—Frederick J. Parsons, 79, treasurer and director of Sands, Taylor & Wood Co., wholesale flour firm, died of a heart attack, Dec. 27, while at his desk in the company offices. He had been associated with the company 64 years.—P. J. P.

NEW MEXICO

Maxwell, N. M.—The Maxwell Feed Mills, Inc., has been incorporated with \$300,000 authorized capital stock by Wilfred Cram, John S. Sheritt Jr. and Roy Davidson.—E. W. F.

NEW YORK

New York, N. Y.—Pillsbury Mills, Inc., held a gay Holiday Party at Busto's Restaurant.

New York, N. Y.—David Coleman, Inc., entertained customers and friends at a New Year's party, Dec. 31.



How



DUAL CLONE

Dust Collectors CUT grain cleaning COSTS

HERE'S HOW you'll save on your grain cleaning costs this season with the 97.5% separating efficiency of **DAY DUAL-CLONE** Dust Collectors:

- 1. Removes MORE dust from air.** Patented, 2-stage, tapered skimmer stack gives maximum separating efficiency over a wide range of volume.
- 2. Saves power.** Smooth, continuous, cyclonic travel of air from inlet to outlet saves power by reducing back pressure... eliminates power-consuming eddy currents common to other cyclonic designs.
- 3. Cleans grain better.** Power saved gives fan extra air volume for more efficient grain cleaning.

**By actual test with Medium Flour.*

DUST COLLECTORS & DUST CONTROL SYSTEMS • EXHAUST FANS • BAG CLEANING MACHINES • TANKS, BINS, HOPPERS

Write-to-DAY!
Ask for Bulletin 46DC.



The DAY Company

816 3rd Ave. N.E. Minneapolis 13, Minn.

Other Plants at Kansas City, Mo. & Ft. William, Ont.
Representatives in principal cities.

SINCE

1881

Kennedy, N. Y.—The 100-year-old Thomas Flour Mill has been acquired by the Keystone Aluminum Products of Jamestown, sold by D. Parker Brown of Randolph.

Clayton, N. Y.—Lafayette F. Polley, 83, retired flour, feed and farm machinery merchant, died Jan. 4 in the House of the Good Samaritan, Watertown, where he had been a patient for three days. He had been in declining health for many years.—G. E. T.

Olean, N. Y.—The Dailey Mills, Inc., have appointed Thos. S. Owen general sales manager. Mr. Owen is a graduate of Iowa State College with a degree of B.S. in animal husbandry, and has been with Sargent & Co., of Des Moines and the Borden Co., of New York.

Williamstown, N. Y.—B. F. Bryant, 79, well known in this sector for operation of various feed mills and production of "Sweet-all," which was made at his local plant, died after a brief illness Dec. 29. He and a son, Carlos M., owned and operated the B. F. Bryant & Son feed mill at Altmar until it was destroyed by fire in September.—G. E. T.

Waverly, N. Y.—Warren B. Lambert has been appointed sales manager of Kasco Mills, Inc., succeeding C. J. LaFleur who retired Dec. 31 after 25 years in the position. He will continue as sec'y and member of the board of directors, acting also in an advisory capacity in the sales department. Mr. Lambert has been associated with Kasco Mills, Inc., since 1938.

NORTH DAKOTA

Fargo, N. D.—The Farmers Grain Dealers Ass'n of North Dakota will hold its annual convention here Jan. 28-30 inclusive. Special chartered Pullman cars from Minneapolis will be provided for the convenience of those attending from that city.

Grand Forks, N. D.—Chas. W. Ross, 65, at one time chairman of the board of managers of the North Dakota State Mill & Elevator, died recently at his home in Aurora, Ill., where he was president of the Merchants National Bank of Aurora since 1934.

Coulee, N. D.—R. M. Harriss, 50, for many years manager of the St. Anthony & Dakota Elvtr. Co.'s local elevator, now owned by the Farmers Union Grain Terminal, died recently at a hospital in Great Falls after a brief illness. He had been a resident here for 39 years before moving to Great Falls last September.

OHIO

Cleveland, O.—The Montana Flour Mills here is completing construction of a 3,500 100-lb. bag of flour warehouse. New grinding and bag filling equipment is being installed.

Cincinnati, O.—Leonard M. Voight, district manager of General Mills, Inc., was installed Jan. 6 as president of the Cincinnati Ass'n of Manufacturers' Representatives.—P. J. P.

Cloverdale, O.—The Odenweller Milling Co., Ottoville, has purchased the Cloverdale Elvtr. Co. from Nobel Bennett, McComb. Sylvester Odenweller will manage the elevator.

Bowersville, O.—D. F. Seaman, who recently purchased the New Era Grain Co., will operate the business, starting early this year. The grain elevators have been operated here since 1918.

Toledo, O.—The annual membership dinner of the Toledo Board of Trade will be held in the Hillcrest Hotel Jan. 13. The newly elected officers and directors of the Board of Trade will be installed just previous to the dinner.

Holgate, O.—Wiley M. Jackson, retired Jan. 1 after 32 years as manager of the Holgate Grain & Supply Co. He is past president of the Ohio Farmers Co-operative, and a member of the Association's Board of Directors since 1931.

Columbus, O.—C. T. Ater, Atkins & Durbrow Co., and Jas. Barnhardt of Early & Daniels Co., were elected co-chairmen of the Columbus Feed Club at the annual election Dec. 20. Mike Karr, Karr Feed Service, was elected sec'y-treas.

Bookwalter, O.—Samuel G. Coil and son, Samuel, Jr., have purchased the grain elevator which has been owned and operated by the Sedalia Grain & Lumber Co. for several years. Some extensive changes and improvements are being planned for the elevator and mill.

Celina, O.—Robbers who broke into the Farm Bureau Elevator recently stole a considerable sum of cash. The Equity Elevator was broken into the same night, but the intruders are believed to have been frightened away before obtaining any loot.

Scotts Crossing (Elida p. o.) O.—Frank H. Wurst, Ottoville, has purchased the Sherrick Elvtr. Co. from Irvan Sherrick. He will continue to operate the grain and coal business and will add a modern feed grinding business. Mr. Wurst also operates the Ottoville Feed Mills.

Toledo, O.—The Farmers Grain Dealers Ass'n of Ohio will hold its annual convention here, headquarters at Secor Hotel Feb. 24 and 25. The banquet will be held the evening of Feb. 24 at the Commodore Perry Hotel. Exhibits will be located at the Secor Hotel.—C. S. Latchaw, sec'y.

London, O.—Construction of a \$5,000 addition to the Shaw Elvtr. Co.'s elevator has been approved by C. P. A. The building will house a feed mixing plant. Owners are James V. Shaw and Ralph C. White. Building will start as soon as material is available. New equipment has been installed at the plant, included being a grain mixer.

Deshler, O.—The Farmers Elevator was damaged by fire recently when fire started in the head house topping the grinding room. The cupola was burned, a section of the conveyor belt destroyed and the conveyor damaged. Don Ahrens, manager, working in the office at the time of the fire, called the fire department which quickly brought the flames under control.

Port William, O.—Fire caused by an overheated stove destroyed the Port Feed Mill on Jan. 4. The loss was estimated at \$20,000 on building and contents. Paul E. Dome and Karl Buckley, owners of the mill, announced they

will rebuild the grain elevator in the spring. They will continue to operate the business in two small buildings undamaged by the fire, until then.—P. J. P.

Cincinnati, O.—Roger Drackett of the Drackett Co. has been elected pres. of the Cincinnati Board of Trade. Other officers include the following: First vice-pres., H. A. McCord of the Co-operative Mills, Inc.; second vice-pres., Robert Lee Early of Early & Daniels; sec'y, Elmer H. Heile of the Cincinnati Hay & Grain Co.; treas., L. R. Rodenberg of the National Distillers Products Corp.—P. J. P.

Cincinnati, O.—Fire destroyed the Dr. Heinz Nu-Way Feed Co.'s three story plant the night of Jan. 4, the loss estimated at more than \$300,000. Six firemen were injured fighting the fire. The plant which employed 100 men, was filled with 25,000 bus. of grain and other feed ingredients, as soybean oil meal, peanut oil meal, bran and dried milk, all of which were destroyed along with much packaging material. Dr. W. C. Heinz, owner of the concern, stated dealers and consumers will continue to receive an uninterrupted supply of Heinz Nu-Way Feeds, Supplements and Minerals, arrangements having been completed with another mill in this section to produce sufficiently heavy tonnage of Nu-Way formula feeds under the personal supervision of Heinz's own nutritional men, to meet current demands. A smaller mill owned by the Dr. Heinz Co., located at Bowling Green, O., will work round-the-clock producing Heinz Nu-Way Supplements and Minerals. This will enable the concern to keep all customers supplied with formula feeds, and supplements and minerals. Dr. Heinz stated the loss suffered by the fire was covered by insurance and another plant will be rebuilt as quickly as conditions permit, with no interruption to business meantime.

OKLAHOMA

Wilburton, Okla.—The Wilburton Milling Co. has been incorporated by F. I., D. O., and Clyde Holbird, with \$15,000 authorized capital stock.—E. W. F.

Fargo, Okla.—Burglars entered the Farmers Co-op. Elevator's office recently and robbed the company of about \$200 in cash. Checks totaling around \$900 were strewn on the floor.

Stillwater, Okla.—James E. Berry, lieutenant governor of Oklahoma and local banker, and Haskell Cudd, company manager, have incorporated the Stillwater Flour & Feed Mills with \$75,000 capital stock; the Stillwater Mill & Elevator Co. with \$50,000 capital stock. And the same men also obtained permission to increase stock of the Stillwater Milling Co. from \$90,000 to \$250,000.

PACIFIC NORTHWEST

Corvallis, Ore.—David E. Stephens, 67, died at his home of a heart attack. He was one of the best known agronomists in Pacific Northwest.—F. K. H.

Skamokawa, Wash. — The Campbell Feed Co.'s plant was destroyed by fire recently, the estimated loss \$50,000, including heavy stock and equipment. Partial insurance.

Colfax, Wash.—With the completion of their elevator this month Colfax Grain Growers will have storage facilities of a total capacity of 160,000 bus. Their present elevators are located at Thornton, Cahup, Steptoe, Manning, Colfax and Penawawa.—F. K. H.

Moscow, Ida.—Ed Clary was elected a director of the Latah County Grain Growers, from the troy-Deary district at the organization's meeting here Jan. 4. Other directors named were Charles Goetz, Viola, and W. C. Moore, Moscow. Last year's business of the organization of 399 members totaled \$1,300,000.—F. K. H.

IF BUYING OR SELLING

**MILO ★ KAFIR
WHEAT - CORN
OATS - BARLEY**

FIELD SEEDS

Specializing in Milo and Kafir

PHONE—WIRE—WRITE

TRANSIT
GRAIN COMPANY

FORT WORTH, TEXAS

SCALE TICKETS

FOR EVERY TYPE OF SCALE
HOWE-FAIRBANKS-WINSLOW

- CARBONIZED TICKETS
- SPIRAL SCALE BOOKS
- PRINTOMATIC TICKETS

WRITE US FOR SAMPLES

DOUGLAS L. MAINS CO.
QUINCY, ILLINOIS

Oregon City, Ore.—The Colton Feed Co. has been incorporated, capitalization \$4,000; incorporators, A. R. Potts and others, to deal in and manufacture poultry and livestock feeds.—F. K. H.

Kahlotus, Wash.—J. M. Robbins has taken over management of Kahlotus Co-operative elevator. He has been connected with the firm for several years and succeeds A. E. Phillippy, who has been manager since the firm's organization in 1941. Mr. Phillippy is retiring from the grain business, with which he has been connected for the past 25 years.—F. K. H.

Olympia, Wash.—Fred Martin, state agriculturist, advises he will ask the coming legislature for between \$75,000 and \$100,000 as a deficiency appropriation for the department's grain fund. Salaries of grain inspectors, weighers and samplers ended Dec. 15. Martin explained an increase in pay and need for hiring more men during recent famine-relief shipments abroad depleted the fund. The men are paid by fees collected from the industry, not with tax money.—F. K. H.

Seattle, Wash.—Dwight E. Howell has joined centennial Flouring Mills Co. here as manager of the feed department. Mr. Howell was with the Kenworthy Grain & Milling Co. of South Tacoma for several years before the firm was taken over by General Mills, Inc., in 1936, and has been with the latter firm since. He was Pacific Northwest manager of General Mills Farm Service Division when he resigned. Mr. Howell also is a past president of the Washington State Feed Ass'n.

Tacoma, Wash.—The superior methods for cleaning and conditioning wheat employed at the Port of Tacoma is now bringing much of the extra flow of wheat to Tacoma. Even with the extra enlargements however the capacity is now taxed to the limit. The elevator has direct rail connections with all major lines, is built of reinforced concrete and fireproof. A belt conveyor moves wheat from the rail cars at the unloading point to the storage bins. The new addition has nearly doubled the capacity of the elevator. Former capacity was approximately 600,000 bus. including the workhouse; now the figures are 1,140,000 bus. with the workhouse. Sufficient space is now available to separate the various grades of wheat, and hence a full cargo shipment can be made at one time.—F. K. H.

Pullman, Wash.—Headed by J. Wesley Cornwall of Mount Hope, pres., farmer members of the soil conservation districts in Spokane area played a dominant role in the recent annual convention of the Washington State Ass'n of Soil Conservation District Supervisors here. In addition to Cornwall officers of the Ass'n include A. J. Hensel of Waterville, second vice-pres. and Carl W. Rudolph Cheney, sec'y-treas. District supervisors from eastern Washington were elected to the state association board as follows: Thos. A. Landreth, Espanola; W. W. Perin, Kettle-Stevens district Valley; Howard Roup, Asotin district, Asotin. Among resolutions adopted was one urging the state college experiment station to devote special effort to finding solution to soil erosion problems, with particular emphasis on the development of new types of machinery to meet special needs.—F. K. H.

PENNSYLVANIA

Berrysburg, Pa. — The Berrysburg Roller Mills Co.'s mill was destroyed by fire recently, believed to have started from a short circuit in one of the trucks stored in the plant's basement garage. Included in the loss are grains and feeds valued at more than \$15,000 by M. G. Henninger, owner, who placed the total loss at \$75,000, with some insurance. Mill and farm machinery were destroyed also. Mr. Henninger plans to rebuild when materials become available.

SOUTH DAKOTA

Sisseton, S. D.—Chas. McGee, who at one time operated a grain elevator here, died at his home in Milbank Dec. 28.

Leola, S. D.—John Schlagel, for 19 years manager of the Barzen Elevator, has retired from that position because of ill health. Vincent Geffre has succeeded him.

Parkston, S. D.—The Farmers Elevator distributed patronage checks to a total of \$42,000 on the business for the year ending May 31. Total business amounted to \$1,151,914.08, with gross savings on sales of \$66,638.64. Patronage checks amounted to 3.5c a bushel on grain sold to the elevator and 10 per cent on the coal, feed, salt and twine purchased from them.

SOUTH EAST

Seaford, Del.—William B. Mears, 60, who founded a chicken feed business here and operated it for many years, died Dec. 28.—P. J. P.

Kingstree, S. C.—The McIntosh Feed & Seed Co. has been incorporated, capitalization, \$20,000, with W. K. McIntosh as its president.—P. J. P.

Dover, Del.—The National Sun-Puff Popcorn Suppliers, Inc., has filed articles of incorporation, showing a capitalization of \$250,000; will deal in raw popcorn.—P. J. P.

Dover, Del.—The Quincy Soybeans Product Co. has filed articles of incorporation, showing a capitalization of \$500,000. The company will deal in food and feed products.—P. J. P.

Florence, S. C.—McInnes Grocery & Flour Co., has been granted a charter to deal in feeds, groceries, flour, etc. Authorized capital stock is \$150,000. F. A. Tucker is president.—L. D. B.

Hickory, N. C.—Geitner Feed & Seed Co., has been granted a charter. The authorized capital stock is \$100,000. Incorporators: Milton Trawick, Charles H. Geitner, and E. H. Geitner, all of Hickory.—L. D. B.

Darlington, S. C.—Three Darlington firms were granted incorporation papers, each with R. Esmond Bonnoitt as the president. They are: Bonnoitt's Feed & Seed, Inc., \$10,000; Bonnoitt's Foods, Inc., \$25,000; and Bonnoitt's Mills, Inc., \$50,000.—P. J. P.

TENNESSEE

Memphis, Tenn.—Negroes were arrested Dec. 23 and charged with stealing more than \$3,000 worth of flour and feed from the Shawnee Milling Co. at 70 Auction St. One of the men, a warehouse boss at the plant, is said to have confessed to the police to taking more than 800 sacks of flour and feed from the plant.—P. J. P.

Tiptonville, Tenn. — The West Tennessee Soya plant was destroyed by fire Jan. 5, the estimated loss, \$850,000. Two warehouses contained about 6,000 tons of soybeans, partially covered by insurance. Most of the firm's stock of soybeans were safe in concrete warehouses out of the danger zone. A third expeller was to have started operating in the modern plant the day after the fire and would have doubled its capacity, P. T. Pinckney, manager, stated. The mill had been in operation for two years. No plans have been made for rebuilding.

TEXAS

Wichita Falls, Tex.—Frank Wolf, Wichita Falls grain dealer, has been elected president of the Wichita Falls Chamber of Commerce for 1947.—P. J. P.

Fort Worth, Tex.—H. T. Bibb & Co., dealers in mixed feeds, grain, cottonseed meal, etc., will build a feed mill and warehouse here at an estimated cost of approximately \$75,000.—E. W. F.

Van Alstyne, Tex.—A warehouse of the Taylor Grain Co. was destroyed by fire Dec. 23, entailing a loss of several thousands of dollars. Robert Fielder, manager and part owner, said the building was filled with corn and livestock feed.—P. J. P.

Sherman, Tex.—Work on a drying plant for the dehydration of alfalfa, an industrial project expected to cost \$60,000, began this month. The plant will employ about 40 men eight months a year, and operations are expected to begin in March, J. A. Alexander, one of several businessmen investing in the project, said. Plans call chiefly for dehydration of alfalfa to be used as a mixture in livestock feed. Of the estimated 1,000 acres planted to alfalfa in Grayson County this year, about 400 acres of the 1947 crop have been promised the new plant.—H. N.

(Concluded on page 36)

Douglas



YOUR BUSINESS AND TETRAFUME

We believe your business needs our "TETRAFUME" grain fumigant. We know you can use it to advantage. That's a broad statement! but the fact remains—most, if not all, up-to-date grain handlers find it necessary to fumigate stored grain from time to time; if they aren't troubled with weevil infestations, it's musty and ground odors, dull and off-color grain, heating conditions, or high moisture content. The only known fumigant that can successfully handle all of these problems is DOUGLAS TETRAFUME.

DOUGLAS CHEMICAL & SUPPLY COMPANY—first to produce a fumigant that would do more than just kill bugs—offers immediate and direct service from the main office and factory, Kansas City, Missouri, and from branch warehouses located at Indianapolis, Indiana, Portland, Oregon, Spokane, Washington, and Minneapolis, Minnesota.

We will gladly explain how our products can be applied to your particular needs. Expert field representatives are prepared to meet you on your premises, wherever you are.

WRITE US TODAY.

"PIONEERS OF SAFE INSECTICIDES"

Douglas Chemical and Supply Company

1324-26 West 12th St. INCORPORATED 1916 Kansas City, Missouri

BRANCH WAREHOUSES: INDIANAPOLIS, INDIANA; SPOKANE, WASHINGTON; MINNEAPOLIS, MINNESOTA; PORTLAND, OREGON.

Field Seeds

CHICAGO, ILL.—David L. Anderson, former seed broker, died Dec. 25.

NAMPA, IDA.—Union Seed Co. is the new name of the Intermountain Seed Co.

McLEAN, NEB.—J. F. Schomberg has installed seed cleaning machinery, for a shipping business.

CHICAGO, ILL.—The Commodity Credit Corporation is selling an accumulation of 61,441 pounds of Kobe lespedeza seed.

OKLAHOMA CITY, OKLA.—The Nichols Seed & Feed Co. is building a warehouse 50x100 at a cost of \$6,000.

OMAHA, NEB.—The spring meeting of the Western Seedsmen's Ass'n will be held Mar. 8 at the Fontenelle Hotel.

FONTANELLE, IA.—To house his growing seed corn business John Ehm is erecting a tile block building 24x60 ft.

GREENVILLE, S. C.—The Textile Flour & Seed Co. has been incorporated with \$50,000 capital stock to do a wholesale and retail business.

BRISTOL, ILL.—The Bristol Grain & Seed Co. has been enrolled in the seed verification service, to issue verified origin certificates for alfalfa seed.

FOREST GROVE, ORE.—E. F. Burlingham & Sons were fined \$30 on the charge of having shipped 735 bags of ryegrass seed falsely labeled.

EMMETSBURG, IA.—Lyle Hubbard has removed his seed store to a new location, and will continue the same lines of seeds and hybrid seed corn as in the past.

EVANSVILLE, IND.—Henry John Graf, 82, who for several years was associated with two brothers in operating the Ohio Valley Seed Co., died here on Dec. 28.—W. B. C.

LAFAYETTE, IND.—Purdue University reports Geo. M. Schell of Madison County the winner of the state 2-acre soybean contest, with a yield of 55 bus. per acre.—W. B. C.

KINGSTREE, S. C.—McIntosh Feed & Seed Co., of this city, has been incorporated. Authorized capital stock is \$20,000. W. K. McIntosh is president of the new company.—L. D. B.

LINCOLN, NEB.—A hybrid alfalfa is being developed by agronomists of the State Agricultural College that is expected to yield 25 to 30 per cent more forage than present varieties.—P. J. P.

KANSAS CITY, MO.—A small fire in the seed cleaning plant of the Atlas Mill of the Rudy-Patrick Seed Co., Jan. 6, caused heavy damage by water when the automatic sprinkler system let go.

GRAETTINGER, IA.—Herke & Lundgren held a grand opening in their remodeled building recently. Hundreds of visitors enjoyed luncheon with the proprietors of the new seed and feed store.

WASHINGTON, D. C.—During the last half of 1946, 44,361,000 pounds of alfalfa seed was verified as to origin, against 25,127,000 pounds during the like period of 1945, as reported by the U.S.D.A.

NEVADA, IA.—A yield of 184.03 bus. of corn to the acre on a 5-acre contest plot in 1946 earned for Joe Vansickle the championship of Iowa in a contest conducted by the De Kalb Agricultural Ass'n.—A. G. T.

ELDRED, ILL.—The main building of the Columbiana Seed Co. was so badly wrecked by a boiler explosion Dec. 21 that it will have to be rebuilt. It was erected in 1940 at a cost of \$40,-

000. About 45,000 bus. of hybrid corn was unharmed.

LAC LA BICHE, ALTA. — Three seed warehouses will be built at different points north and east of Edmonton by the Alberta Seed Growers Co-operative, using building material from the old flour mill here purchased last fall.

ALBEMARLE, N. C.—A&M Seed Co., Inc., has been granted a charter to conduct a general seed business with capital stock of \$100,000. Incorporators: George C. McManus, Jr., J. M. Alexander and W. E. Smith, all of Albemarle.—L. D. B.

COLUMBIA, S. C.—At the recent annual meeting the following officers were elected by the South Carolina Seedsmen's Ass'n: pres., Dr. Geo. Wilds of Hartsville; vice pres., E. W. Bailey, Charleston; and sec'y-treas., Marion P. Shuler of Orangeburg.

EL PASO, ILL.—The suit by the Arthur Walter Seed Co., of Grand Ridge, Ill., against the Pfister Hybrid Seed Co. and five Ohio seed dealers will be heard Feb. 10 in the district court at Toledo, O. Damages of \$475,000 are asked for trade diversion.—P. J. P.

JACKSON, MO.—The Farmers Co-operative Feed & Seed Store has opened here under the management of Garland Powell with Miss Hunter Jean Call as sec'y. The business was purchased from Webb Lohman who will retire. The store is sponsored by the Cape County Farm Bureau.—P. J. P.

McPHERSON, KAN.—The only government approved alfalfa seed storage warehouse in Kansas is located here and operated by the Community Seed & Feed Co. Its capacity is 200,000 pounds, and 75,000 pounds have been stored, mostly from Kearney and Finney Counties, on government loan.—G. M. H.

SHELBYVILLE, IND.—Frank W. Lux, 34, of Shelbyville, has been named Indiana corn king, following judging of the Purdue University agricultural conference. He won the title with 884 yellow hybrid. He was placed third in the eight region competition at the International Grain Exposition at Chicago.—W. B. C.

PHILADELPHIA, PA.—John N. Eustis of New York, Geo. E. Perry and Robert R. Deutsch have bought the business of Henry A. Dreer, Inc. Mr. Perry, who has been with Vaughan Seed Store in New York since 1942

Seed Movement in December

Receipts and shipments of seed at the various markets during December, compared with December, 1945, in bushels, except where otherwise indicated, were:

	FLAXSEED		Shipments	
	1946	1945	1946	1945
Chicago	16,000	97,000	2,000	21,000
Duluth	210,725	495,580	1,077,435	1,335,640
Ft. William	309,062	309,654	541,794	370,614
Minneapolis	749,700	783,000	73,100	165,000
Philadelphia	.....	66,123	.....	66,123
Portland	8,688	3,207	.....	.....
Superior	15,180	390,059	.....	438,981
SORGHUMS				
Ft. Worth	2,220,900	1,577,400	352,000	503,800
Hutchinson	115,000	162,000	.....	.....
Indianapolis	3,200	1,600	.....	.....
Kansas City	511,000	1,519,000	353,500	1,125,250
Omaha	17,600	12,800	12,800	12,800
St. Joseph	14,240	14,240	12,460	3,560
Wichita	10,500	161,000	1,750	42,000
CLOVER				
Chicago, lbs.	1,244,000	901,000	588,000	276,000
Milwaukee, lbs.	708,092	404,085	236,297	6,000
TIMOTHY				
Chicago, lbs.	388,000	364,000	214,000	97,000
Milwaukee, lbs.	45,000	355,445	1,269	.....
CANE SEED				
Ft. Worth	2,200	23,100	.....	4,400
Kansas City	.....	2,800	.....	.....

will be vice pres. and general manager. He was for 17 years an executive of the Dreer firm.

COLUMBIA, MO.—P. B. Eubank of Huntsville was elected pres. of the Missouri Seed Improvement Ass'n at the business meeting of the organization here Dec. 28. W. A. Cochel of Kansas City was named vice pres., with Charles Helm of Columbia as sec'y-treas. and Wynard Aslin, Virginia Hubbard and Helen Averitt, all of Columbia as his assistants.—P. J. P.

ALLIANCE, NEB.—The Nebraska Wheat Show was held Jan. 11 under the sponsorship of the Nebraska Grain Improvement Ass'n, the Alliance Chamber of Commerce, the Nebraska Crop Improvement Ass'n, the Omaha Grain Exchange, the Nebraska Agricultural Extension Service and farm organizations. Harry Clark, chief inspector of the Omaha Grain Exchange, has been invited to judge the show.

URBANA, ILL.—Charles F. Genter has resigned as manager of the Illinois Seed Producers Ass'n and has accepted a position as associate professor in the agricultural experiment station at Virginia Polytechnic Institute at Blacksburg, Va. He will do research and plant breeding at the Virginia school. Clarion Henderson, his assistant, will operate the seed association until another manager is located.—P. J. P.

STATE COLLEGE, PA.—Records of strain tests of red clover conducted by H. B. Musser show an average increase for the best strains of approximately 1000 pounds of air dry hay per acre over averages for unselected seed. No evidence secured during the past year indicates that the new local strains tested are superior to the best previously tested. Two new series of strain tests were studied at State College and in Bedford county. At present 45 selected strains are on trial here and 30 strains in Bedford county.—Pennsylvania Agricultural Experiment Station.

CHAMPAIGN, ILL.—The executive board of the Champaign County Farm Bureau went on record here at a meeting Dec. 22 that it would be willing to aid a war veteran in establishing a seed cleaning business in the county. They expressed concern over the difficulty in securing cleaning service for the Clinton oats produced in the county last summer. A portable cleaner had been rented from a DeWitt county owner during the fall. As a means of avoiding any possibility of a difficulty along this line the board feels that a permanent cleaning business should be provided.—P. J. P.

PENDLETON, ORE. — Umatilla County farmers seem to be preparing to compete with those west of the mountain, in growing some of the grass seed in good demand nationally. Roy Duff who has been trying out alta fescue for seed on his farm harvested an average of 240 pounds of seed per acre which he sold for 46c per pound. He also harvested 15 acres of big blue grass for seed grossing a little better than \$80 an acre, at 45c a pound. County Agent Vic Johnson also reports that the Alta fescue on the L. A. McClintock ranch gave good pasture this summer both on irrigated and nonirrigated land he seeded 7 lbs. per acre, with two pounds of yellow sweet clover. The stand is so thick he believes that 5 lbs. would be ample.—F. K. H.

Meeting of Colorado Seedsmen

The Colorado Seedsmen's Ass'n held its 24th annual meeting Dec. 6 and 7 at Fort Collins, Colo., and elected the following officers: pres., Bob Snelson, Denver; vice pres., R. H. James, Rocky Ford and sec'y-treas., R. E. Patterson of the Western Seed Co.

The sessions were held at the Agricultural College, and the seedsmen's dinner was given the evening of Dec. 6 at the Armstrong Hotel, where awards for outstanding merit were presented to Jack Robinson, C. R. Root and Bruce Thornton.

Stanley B. Folsom of Minneapolis, pres. of the American Seed Trade Ass'n, attended the meeting.

Kansas Seedsmen Organize

The Kansas Seed Dealers Ass'n was formed at a recent meeting at Wichita, Kan., of wholesale and retail dealers.

OFFICERS elected are: pres., W. C. Armfield of Wichita, vice pres., Lisle Congdon of Sedgwick; sec'y-treas., O. E. Case of Hutchinson. Chairman of executive committee is Otto A. Barteldes of Lawrence.—P. J. P.

Minnesota Seed Dealers Ass'n Adds 16 Members

The annual meeting of the Minnesota Seed Dealers Ass'n was held Dec. 27 in the Nicollet Hotel, Minneapolis, Minn.

Among the speakers were C. H. Schrader, Chief of Division of Weed & Seed Control; A. H. Larson, Division of Plant Pathology and Botany, and R. F. Crim, Agricultural Extension Division, Minnesota State department of Agriculture.

At this meeting sixteen firms were admitted to membership in the Ass'n.

OFFICERS elected are: pres., J. H. Withey, Minneapolis; vice pres., A. H. Roffers, Minneapolis, and sec'y-treas., Leslie Edgerton.

Wisconsin Seedsmen Meet at Wausau

Below zero temperature kept the attendance at the annual meeting of the Wisconsin Seed Dealers Ass'n at Wausau down to 94, on Dec. 18.

Wm. F. Sinn of Madison spoke on seed supplies for 1947.

Seeds and Weeds was the topic of Henry Lunz of the state seed laboratory at Madison.

Professor N. P. Neale of the University of Wisconsin spoke on hybrid seed corn.

Geo. M. Briggs of the College had as his topic Controlling Weeds with Chemicals.

Adolph Nelson of Eau Claire conducted an open forum.

OFFICERS elected are: pres., J. D. Hopkins, Madison; vice pres., H. H. Humphry, Wausau; sec'y-treas., J. W. Jung, Randolph.

New Louisiana Seed Regulations

The new Louisiana Seed Commission at a meeting at Baton Rouge recently took under advisement a proposed detailed set of regulations for agricultural seed sold in the state. At that time the Commission voted to defer action until Jan. 21 to give members an opportunity to study the regulations and permit distribution of copies to seed dealers and other interested persons. The regulations cover germination tolerances and practices to be observed in handling, labeling, and storing dozens of seeds.

The Commission, organized under a 1946 act which repealed all existing seed regulations, voted to restore these temporarily, pending final action on the proposed new code. At its meeting here, the commission elected R. N. Flint, state seed analyst, as its sec'y.—P. J. P.

Nebraska Seedsmen Will Meet

The Nebraska Seed Dealers Ass'n will meet Jan. 30 in the Cornhusker Hotel at Lincoln, Neb., with an expected attendance of 100.

Lewis P. Reitz of the agronomy department, University of Nebraska, will discuss the new developments in oat varieties on the morning program.

Robert Armstrong, state tax commissioner is slated to lead a discussion on the taxation of farm seed.

Four seedsmen will discuss their experiences with fertilizer on hybrid seed corn production fields. They are D. D. Wainscott, Weeping

Water; Vic Rediger, Tekamah; Joe Miles, Fremont, and E. C. Scheidt, Waterloo.

Paige Hall, sec'y of the Nebraska Crop Improvement Ass'n, will tell possibilities of using fertilizers for brome grass seed production.

Dr. Jesse Livingston of the University of Nebraska will speak about the new chemicals in insect control.—G. M. H.

Cascade an Outstanding Flax

Fiber flax improvement work has brought out a new variety that is disease resistant and an outstanding yielder. Known as Cascade, it is the result of a cross by Dr. B. B. Robinson of the U. S. Department of Agriculture. It has surpassed all others both in tonnage and percentage of fiber. Tests in the Groveland district of Oregon, practically the only state producing fiber flax, brought a yield thought to be a national record, slightly more than four tons an acre on a 20-acre field.

The Cascade variety, grown commercially for the first time this year, is resistant to wilt, immune from rust, and grows tall. These qualities, added to that of large yield, promise to make the new variety an important encouragement to fiber flax production in this country.

Illinois Seedsmen Meeting Well Attended

The Illinois Seed Dealers Ass'n held its annual meeting at Springfield, Ill., Dec. 19 with 110 persons registered.

D. D. DeForest of Galesburg, pres., surveyed the red clover situation and pointed out the need for research on red clover with the aim of increasing seed production.

Milton Zellmer reported on the red clover research project to be worked out by four states—Illinois, Indiana, Ohio, and Kentucky. The need for such research was pointed out and has been adequately demonstrated throughout the production area this past year by the reduction in yield, some reporting as low as a peck of seed per acre. The cost of this research project is estimated at \$6,900 per year for three years. Illinois' expenditure is set at \$1,800 per year for three years. After much favorable discussion by a number of members, the association voted \$900 per year for three years for the project. It was then announced that a similar project investigating the production of alfalfa seed had been formulated with the states of Kansas, Oklahoma, and Nebraska co-operating. The expense of this project has been fully underwritten by the seed trade.

During luncheon an interesting talk was made by Arnold P. Benson, director of the Illinois Department of Agriculture.

Keith Barron, agronomist, of Midland, Mich., talked on new materials for weed killing. The herbicide 2,4-D was discussed and new information dealing with application and uses were given. The talk was closed with lantern slides showing the effect of 2, 4-D on a number of different plants.

Roger O'Donnell, sec'y of the American Seed Trade Ass'n, spoke on the need for co-operation between the A.S.T.A. and the state ass'ns.

J. C. Hackelman, Illinois University, College of Agriculture, spoke on the red clover situation and stated that the production had been reduced to a point where if there was a failure the seed situation would be serious. He spoke of the scope of the research project and stated all groups in any way connected with producing a crop will be called into discuss and aid in the work as outlined. The field will be very broad and include every phase of agriculture from soil preparation to harvesting. The soybean seed situation was discussed and the feeling was that it was extremely short. He also reported

that the sweet clover weevil was increasing and much damage was expected this coming season.

Chas. H. Keltner, superintendent of the State Seed Laboratory, urged more care in the sampling of seeds.

OFFICERS elected for the ensuing year are: pres., Gager Vaughan, Chicago; vice pres., Robert Keller, Quincy; sec'y, G. H. Valentine, Bristol; treas., R. R. St. John, Champaign; directors, M. C. Zellmer, Chicago; Lee A. Beebe, Forreston; O. J. Sommer, Pekin; John R. Condon, Rockford; and D. D. DeForest, Galesburg.

Cheyenne Winter Wheat Wins

A sample of 63.5 pound Cheyenne winter wheat won top honors for its grower Arthur Weinhold, at Nebraska's annual Wheat Show held at Alliance, Neb., recently. This was a repeat performance for the western Nebraska farmer who won the same award with another sample of Cheyenne wheat just three years ago. Harry R. Clark, Chief Inspector at the Omaha Grain Exchange judged the exhibits which had been assembled from all parts of Nebraska.

Honorable mention and additional awards went to 14 other wheat growers whose entries were placed in the following order: Tellford Ewing, Gering; M. T. Danbom, Hemingford; Floyd Miller, Gurley; Fred Holscher, Ogallala; John M. Ewing, Gering; Arno Thomas, Sidney; Donald Loxtercamp, Dalton; Hugh Paris, Sidney; Ralph Fleming, Sidney; R. C. Miller, Hemingford; Louis Wittrock, Sidney; Edgar Leafdale, Potter; Louis Miller, Gurley; J. H. Fales, Kearney. Of the 15 winning samples, 7 were of the Cheyenne variety, 3 Nebred, 2 Pawnee, 2 Commanche, and 1 Turkey.

Grain men and wheat growers attending the show commented on the high quality of the wheat as nearly all samples tested 62 to 65 pounds per bushel and showed excellent color. Expert observers predicted that the milling and baking tests which will be given the 15 winning samples will prove the excellent commercial qualities of the grain.

A special feature of the show arranged by the Alliance Chamber of Commerce was selection and presentation of the Nebraska Wheat Queen for the current year. Miss Guyula Steele of Minatare, was chosen for this honor from a group of candidates nominated by civic organizations in 7 western Nebraska towns.

Exhibits and educational movies relating to soil conservation, control of grain diseases, and pure seed provided additional attractions. A large truck-mounted grain cleaner and treater was demonstrated. An evening of recreation was provided by local Farmers Union officials for farmers and their families after the formalities of the wheat show were finished.

Cooperating sponsors of the wheat show were the Nebraska Grain Improvement Ass'n; Omaha Grain Exchange, Agricultural Extension Service, Alliance Chamber of Commerce and Box Butte County Farmers Union, George Neuswanger, Alliance grain dealer, J. F. Decker, County Agricultural Agent, Jim Pilkington, Secretary, Alliance Chamber of Commerce and C. Edgar Leafdale, Farmers Union Fieldman were in charge of arrangements. J. O. Swinbank, Secretary, Nebraska Grain Improvement Ass'n served as superintendent.

WE ARE BUYERS AND SELLERS OF
FIELD SEEDS
GEO. P. SEXAUER & SON
Brookings, So. Dak. Des Moines, Ia.

ED. F. MANGELSDORF & BRO., Inc.
ST. LOUIS 4, MISSOURI

Buyers and sellers of
Sweet Clover, Alfalfa, Lespedeza, Clovers, Timothy, Grasses,
Fodder Seeds, Sudan Grass, Soy Beans, Cow Peas



Varieties of oats growing on the University Farm, Columbia, Mo. Extreme left to right: the varieties and their average yield in nine tests in Missouri in 1946 are Columbia, 66.5 bu.; Osage, 49.4 bu.; Neosho, 61.5 bu.; Boone, 60.7 bu.; and Clinton, 76.2 bu.

Big Yields from Early Seeding

By J. M. POEHLMAN, assistant professor of field crops, University of Missouri

The early seeding of the Missouri oats crop in 1946 and the use of an early maturing variety again paid big dividends to Missouri farmers. These two practices have long been associated with production of good oats crops in Missouri. With May-like weather during March, Missouri farmers were able to complete the seeding of a large oat acreage at an early date. This early seeding, combined with good seedbed preparation, and more extensive use of fertilizers, resulted in record yields over the State.

In 1946 with temperatures rising rapidly in early June, the earlier maturing Columbia variety ripened with less injury than the later maturing Boone.

Clinton has very stiff straw and excellent disease resistance; but is about two days later in maturity than Boone. There will be no seed of Clinton available to Missouri farmers in 1947.

"Clinton-Type" Oats Not Worth the High Price

Oat breeders and farm crops specialists at Iowa State College said they doubted the advisability of Iowa farmers paying an extremely high price for commercial seed oats which are being advertised as "Clinton-type" or "sisters" of the Clinton variety.

The commercial varieties are being advertised now as yielding as high as or higher than Clinton and as being resistant to the blight disease *Helminthosporium*.

H. C. Murphy, oat breeder for the United States Department of Agriculture at the Iowa Agricultural Experiment Station, points out that some of these varieties actually may be from the same cross that produced Clinton. But he emphasizes that Clinton was selected for increase in Iowa because it was the best all-around cross developed for conditions in the state. It not only led all others in yield, but was more resist-

ant to lodging, had stiffer straw and a higher test-weight per bushel.

While some of the crosses with Bond were released for development in other states, others were not officially released at all because they did not measure up to Clinton. Some of the seed from test plots and college farms, however, found its way into the hands of individual farmers and then to seed dealers. Now, these varieties are being sold at rather fancy prices under such trade names as Colo, Golden Cross, Bond Hybrid and others.

Pays to Control Corn Borer

By HAROLD GUNDERSON,
Iowa State College Entomologist

A level field was selected in Eastern Iowa and soil tests made. Where slight differences in soils existed, commercial fertilizer was added to balance the plots.

Three plots of corn were treated and one was left untreated for a check.

The untreated field yielded 91 bus. per acre, based on actual weight, and averaged 14.6 per cent in broken stalks. The average farmer wouldn't complain about a yield of 91 bus.

The plot dusted with DDT produced 119.3 bus. per acre with 4 per cent broken stalks, for the top yield. Ryania-treated corn yielded 116.2 bus. per acre, with 8.6 per cent broken stalks. Derris treatment produced a yield of 111.1 bus. per acre with an average of 9.2 per cent broken stalks.

In the high-yielding plot, two applications of 3 and 5 per cent DDT dust were made, one on June 26 and the next about a week later. The 3 per cent dust was applied at the rate of 40 pounds per acre; the 5 per cent dust at 20 pounds per acre. Total cost per treatment was about \$3.50 per acre, including the application.

On the basis of the eastern Iowa tests, the farmer with 40 acres of corn could easily have lost \$1,000 from borers last year without realizing it. In view of what may happen in 1947, when borer damage may double the 25 million dollar loss of last summer, the wise farmer will plan borer control measures this winter.

ASTORIA, ORE.—The Pillsbury Flour Mill here has appealed a decision of the National Labor Relations Board which found the company guilty of unfair labor practices in discharging Anton Wasilk and Delbert Clark in 1945. The men were ordered restored to work and paid for lost time. The company contended that the men were discharged for cause.—P.J.P.



Russell Grain Co.
Hilliards, Ohio

RUSSELL GRAIN CO. ELEVATOR HILLIARDS, OHIO

has

HESS

Direct Heat

DRIER and COOLER

in a Hess Standardized
Steel Building

They're Profit Makers

HESS WARMING AND VENTILATING CO.

1211 SO. WESTERN AVENUE
CHICAGO, ILLINOIS

Grain Carriers

SENATOR Clyde M. Reed of Kansas says he will introduce a resolution in the Senate calling for an examination into the acute car shortage.

GRAIN car loadings during the first quarter of 1947 are estimated by the shippers advisory boards to increase 10.2 per cent over a year ago.

PEORIA, ILL. — The federal court has ordered union pickets not to interfere with transfer of cars from other roads to the Toledo, Peoria & Western Railroad.

WASHINGTON, D. C.—The Interstate Commerce Commission has canceled its priority system for moving wheat in the Pacific Northwest, that was to have continued to Mar. 10.

CLASS I railroads put 40,377 freight cars and 563 locomotives in service in 1946, the Ass'n of American Railroads announced. This was an increase of 1,390 cars but a decrease of 80 locomotives compared with the number installed in 1945. Of the new freight cars installed in the last calendar year, there were 14,740 plain box.

RULES of the grain exchanges govern the payment of increased freight charges when grain is sold on the exchange. The interstate rate governs unless it is provided that the intrastate rate governs on a movement wholly within a state. It is expected that the intrastate rates will soon be raised to the level of interstate rates effective Jan. 1.

NEW ORLEANS, LA. — The Interstate Commerce Commission, effective Jan. 8, canceled Service Order 662 that required permits for shipment of corn to Gulf ports for export, in favor of wheat. Official schedules call for the movement during January thru Gulf ports of 6,700 carloads of wheat, 1,020 carloads of corn and 2,100 carloads of grain sorghums.

GRAIN and grain products loading during the week ending Jan. 11 totaled 56,193 cars, an increase of 11,520 cars above the preceding week and an increase of 1,742 cars above the corresponding week in 1946. In the Western Districts alone, grain and grain products loading for the week of Jan. 11 totaled 37,286 cars, an increase of 7,662 cars above the preceding week and an increase of 790 cars above the corresponding week in 1946, as reported by the Ass'n of American Railroads.

WICHITA, KAN. — Wheat thieves have been boring holes in box cars on mill rail sidings at 17th and Santa Fe tracks, and draining out wheat, packaging it from the holes for removal from the site. Wichita Flour Mills report the loss of much wheat. Walter B. Milar, mill superintendent, said the box cars are converted cattle cars and the holes have been punched thru the supplemental siding to allow the wheat to pour out into the containers held below. He said one car was 61 bus. lighter than its freight billing.—I. D. A.

FORT WORTH, TEX.—Opposition to the proposed 15 per cent increase in intrastate freight rates, now before the Texas Railroad Commission, was voiced by Texas grain shippers, producers, and processors at a meeting here recently. The grain men adopted a resolution requesting the Railroad Commission to deny the application of the railroad carriers. The resolution stated, however, that they will not object to the "establishment of a group system of rates, rules, and regulations adopted by the Texas grain and milling interests at a meeting here Feb. 16, 1945, as revised, plus 15 per cent provided these rates are also voluntarily published by the carriers on interstate traffic between Texas points." Grain shippers from all sections of the state attended the meeting.—H.

BUFFALO, N. Y.—A barge loaded with grain sank recently on the water front and was completely submerged. About 5,000 bus. of the grain cargo had been elevated. The barge was raised and taken to a dry dock.

WASHINGTON, D. C.—Hearing will begin Feb. 4 in the inquiry by the Interstate Commerce Commission into car movement. The Commission will determine whether the daily car rental charge should be raised from \$1.15 to \$2, as suggested by J. Monroe Johnson. The hearing will be conducted by Examiner Claude A. Rice.

Four Plugged Cars of Wheat Disclosed

In "findings of fact" reported by the U. S. Department of Agriculture, the Stanton Grain Co. of Stanton, N. D., is alleged to have shipped in March of 1946 four "plugged" carloads of wheat to Minnesota terminal markets.

The four carloads of wheat were shipped on consignment, three to Minneapolis, and one to Duluth. Each was graded "No. 1 Heavy Dark Northern Spring, No Dockage," by federally licensed grain inspectors at those markets, employing normal sampling and grading procedure.

The wheat was reconsigned to Wichita, Kansas, on the basis of the inspection certificates. Upon unloading, each was found to have several inches of wheat screenings and weed seeds in the bottom of the car, out of reach of the sampling probe.

At a hearing before Frank A. Gallagher, Chicago regional attorney for the Office of the Solicitor, the Department of Agriculture's examiner, on July 30, 1946, the Department's grain branch was represented by R. C. Mill, and the Stanton Grain Co., by M. J. Pridt, one of its owners.

Campaign for More Freight Cars

The presidents of Class I railroads in the United States have been urged by the National Industrial Traffic League, nation-wide shippers' organization with executive offices in Washington, D. C., to take immediate steps to increase orders for needed freight cars because a lack of sufficient orders has been reported as being one of the factors delaying the car building program, according to League President Alonzo Bennett, vice pres. of the Federal Compress & Warehouse Co., Memphis, Tenn.

The League has taken the freight car situation directly to the White House where its special committee, headed by W. H. Day, manager Transportation Department, Boston, Chamber of Commerce, conferred with Dr.



W. W. Froom, Champaign, Ill.

W. W. Froom Changes Position

Wm. W. Froom has resigned his position as sales manager of Swift & Company soybean mill, Champaign, Ill., and district sales manager of the Feed Sales Division of the same company, to join I. H. French & Co., well known brokerage and grain merchandising house of Champaign, Ill. He will trade in soybeans, feed grains and all feed ingredients.

He is well known in the middle west to both grain and feed interests, having been associated in these fields with Swift & Co. for the past 10 years.

John R. Steelman, assistant to the President, and presented all phases of the matter, emphasizing the extreme seriousness of the situation to farmers, growers, producers, manufacturers and consumers. The League's Special Committee has also discussed the subject with Colonel J. Monroe Johnson, director, Office of Defense Transportation, and with Judge R. V. Fletcher, pres., Ass'n of American Railroads.

"RANDOLPH" OIL-ELECTRIC GRAIN DRIER The Drier Without a Boiler

ASK THE MAN WHO HAS ONE

THAT'S ALL

MANUFACTURED BY

O. W. RANDOLPH COMPANY
3917-21 Imlay St., TOLEDO, O., U. S. A.

Supply Trade

MINNEAPOLIS, Minn.—The Chase Bag Co. began operation of its new plant here Jan. 10.

OKLAHOMA CITY, Okla.—The Elmo Sleight Sales Co. has been established by Elmo Sleight, to handle special ingredients for feed and flour mills.

OGDEN, Utah.—Rex G. Branch will open an office here for Wm. H. Banks Warehouses, Inc., of which he is vice pres., doing a field warehousing business.

BOSTON, Mass.—Indicating the reason for advanced prices of cotton bags the Bemis Bro. Bag Co. index of cotton goods prices was 14.99 early in January, against 8.87 a year ago.

PHILADELPHIA, Pa.—Frederick C. Abbott has been appointed manager of labor and personnel relations for the Pennsylvania Salt Mfg. Co. He is a member of the American Chemical Society.

SUMMIT, N. J.—The Pulverizing Machinery Co. has issued a fully illustrated 48-page book describing the complete line of Mikro-Pulverizers and Mikro-Atomizers, presenting the basis principles and details of design and construction.

CHICAGO, Ill.—The Nicholson Co., engineers and constructors of bulk storage structures, of New York, N. Y., has opened a Chicago office at 38 So. Dearborn St., to serve better its clients in the middle west. Arthur J. Lindquist is district manager.

MIDDLETOWN, R. I.—B. C. Lee, New England representative of Sprout, Waldron & Co., of Muncy, Pa., manufacturing engineers, has now established his residence at 77 Vernon Ave., Middletown, in order to serve better the flour, feed and processing industries in that area.

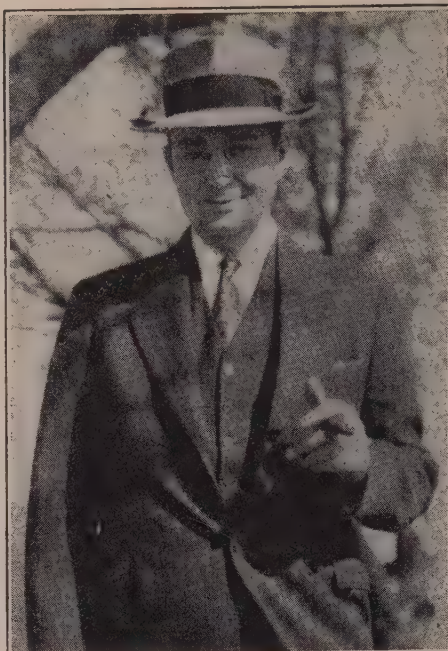
MINNEAPOLIS, Minn.—The Hart-Carter Co. reports net income for the year ended Nov. 30 as \$485,267, the highest since 1929, compared with \$302,989 in the preceding fiscal year. Provision for taxes was \$445,329; and net work capital as of Nov. 30 amounted to \$1,668,484.

CHICAGO, Ill.—Alfred V. Foote, manager of the J. B. Sedberry Co., died recently. At one time he was auditor of the Norfolk & Western Railroad Co. He left the Williams Mill Co. that he had organized at Ronda, N. C., in 1925 to go with the Sedberry Co., builders of hammer mills.

BLOOMINGTON, Ind.—Fire destroyed the plant of the Palmer-Bee Mfg. Co., a mile north of Ellettsville, Dec. 30. The plant was used for the manufacture of conveyors and employed 100 men. Forty truck loads of new machinery had been installed in the building a week before the fire.—P. J. P.

CLEVELAND, O.—The Government Chemical Products Co. has a newest product, Rodust, made from the sensational raticide Antu, that kills rats by contact. It is described in a new folder giving instructions how to use it. It is harmless to household pets, yet is 20 to 40 times as effective as the standard rat poison.

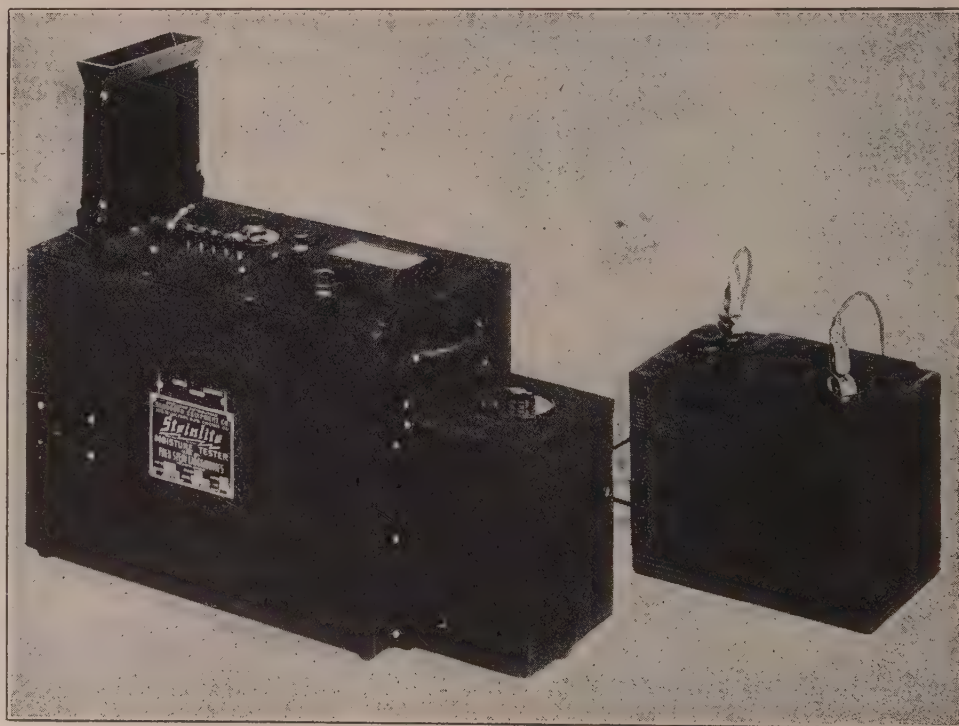
CHICAGO, Ill.—John S. King has been appointed manager of the Chicago branch house of Fairbanks, Morse & Co., succeeding Frank V. Roy, who retires from his long-held position March 1. Mr. King started with the company in its Beloit plant, assembling and testing pumping equipment and diesel engines. Successively he was transferred to the Indianapolis works, the Chicago branch, and the New Orleans branch, being recalled in 1945 to the Chicago branch.



R. L. Sherman, Streator, Ill., Deceased

MEMPHIS, Tenn.—Fred Houser, who was with the Bemis Bag Co. for 25 years and who rose from a typewriter to the superintendency of the Memphis plant, retired Dec. 31, just two weeks before his 71st birthday. He has been succeeded by Louis E. Pounders who has been assistant superintendent since his graduation from the University of Tennessee in 1935.—P. J. P.

CHAMPAIGN, Ill.—A charter has been issued to the Harrison Cropsaver Co. of this city which will manufacture pickup reels for combination grain harvesters and swathers. This machine harvests soybeans, wheat, rice and other crops which are down on the ground. The incorporators are William H. Harrison, Benjamin D. Martin and Albert Tuxhorn. The authorized capital is 1,000 shares of common stock of no par value.—P. J. P.



Battery Operated Steinlite Moisture Tester

Death of R. L. Sherman

Mr. R. L. Sherman, President and General Manager of the Myers-Sherman Co. of Streator, Ill., died Jan. 2. Mr. Sherman was the co-founder of The Myers-Sherman Company which has been engaged for over a quarter century in the manufacture of Fords Hammer-mills and Fords Milkers. Mr. Sherman was well known and highly regarded in the farm and industrial equipment field.

A NEW opponent for the European corn borer is Ryanex, a powder prepared by grinding the South American plant *Ryania speciosa*, and has given excellent results.

Battery Operated Steinlite Tester

According to latest information received from Seedburo Equipment Co., it now has available a battery operated Steinlite that is particularly adapted to field use and to areas where electricity is not available. Operation by an automobile storage battery is recommended for most efficient results. Approximately 1600 tests can be made before it is necessary to recharge the battery. Under normal conditions one charged battery will operate the Steinlite for approximately 30 days in the busy season. In an emergency the unit can be operated by a 6-volt Hot Shot Battery . . . which lasts about 30 minutes . . . gives an inexperienced operator time to make approximately 15 tests.

This new unit is similar in appearance to the standard Steinlite model. It also can be plugged into a 110-volt line like the regular model, thus making it adaptable for use in the office or in the field. You cannot damage the instrument by having it connected to a 110-volt line and to the storage battery at the same time. To avoid wear on the battery the unit is equipped with a time switch for automatic shutoff when a test is completed.

You may test the same materials as with the standard units . . . grain, seed, feed, cocoa, dehydrated foods, cotton, popcorn, etc. Available for immediate shipment . . . priced slightly higher than the standard unit. For more complete information write to Seedburo Equipment Co.

Feedstuffs

BUFFALO, N. Y.—The midwinter meeting of the Mutual Millers and Feed Dealers Ass'n will be held Feb. 7 at the Hotel Buffalo.

DALLAS, TEX.—Walter Berger, pres. of the American Feed Manufacturers Ass'n, addressed a meeting of feed men Jan. 14 in the Adolphus Hotel.

CHICAGO, ILL.—Wm. N. Stice, Jr., has been appointed educational director of the Distillers Research Council. He was formerly of the Chicago Sun.

VERNON, B. C.—The Interior Feed Dealers Ass'n has elected the following officers: pres., S. Fisher of Armstrong; sec'y-treas., Albert Woodhouse of Vernon.

WASHINGTON, D. C.—Bureaucrats in the U. S. Dept. of Agriculture on Jan. 14 granted allocations of 10,000 long tons of protein meal to both Belgium and the Netherlands.

MONTREAL, QUE.—The general meeting of the eastern division of the Feed Manufacturers Ass'n, which was to have been held in December, was postponed to Jan. 27. The business session will be followed by refreshments, dinner and entertainment.

NEW YORK, N. Y.—The Eastern Federation of Feed Merchants has begun the publication of a periodical named, "Business Farming" intended for circulation to feeders, the purpose of which is to explain the economic service performed by independent feed distributors. The editor is Austin W. Carpenter, executive director of the Ass'n.

CHICAGO, ILL.—Larry Wherry, vice chairman of the Feed Industry Council, is the author of a forthcoming book entitled "Golden Anniversary of Scientific Feeding." Mr. Wherry has recently been elected a director of Sherman & Marquette, Inc., advertising agents, of which firm he has been vice president.

COLUMBUS, O.—Swift & Co. of Chicago has awarded a \$25,000 grant-in-aid to Ohio State University thru the OSU Development Fund to finance a five-year research project on poultry breeding. The study will be conducted in the University's department of poultry husbandry by Professor R. George Jaap, nationally known expert in the field of poultry genetics and physiology. During its first three years, the Swift Fund for Basic Research provided financial support of fundamental scientific studies thru 38 grants totaling \$600,000.

INDIANAPOLIS, IND.—In view of the present available supply of ingredients used in the manufacture of commercial feeding stuffs, the State Chemist hereby declares that the feed ingredient emergency has passed and that the use of State Chemist labels and tags bearing a declaration of alternative ingredients will be discontinued effective Jan. 1, 1947. Unused obsolete Indiana tags which were printed in 1946 may be returned to the State Chemist in January 1947 and credit will be issued after deducting the cost of printing and handling the tags returned. —Fred K. Sale, sec'y, Indiana Grain & Feed Dealers Ass'n.

CORN PRODUCTS Refining Co., which reduced its dividend from 75 cents to 65 cents a quarter on the common stock in October, 1942, on Dec. 26 returned to the 75-cent rate.

EXPORT figures on grain given out by the Government are practically worthless in the form in which issued. Before the war we had complete monthly reports. Now they are two months later and are incomplete.

New Officers of Georgia Feed Ass'n

The directors of the Georgia Feed Ass'n meeting at Atlanta recently chose the following officers: pres., T. B. Martin, Jr., of the Standard Feed Milling Co., Atlanta; vice-pres., C. B. Nichols, of the Happyvale Flour Mills, Griffin; sec'y-treas., Jas. B. Crews of Edward E. Smith & Co., Atlanta.

Less Sorghum Forage

Grain sorghum production in 1946 was 8,619,000 tons, or 12 per cent less than in 1945. The acreage was 17 per cent less, but more was harvested for grain.

Sorghum silage production, from 646,000 acres harvested for that purpose, is estimated at 3,701,000 tons, compared with 3,622,000 from 680,000 acres in 1945. Acreage of sorghums harvested for all purposes, including grain, silage, forage and syrup, was 13,838,000 acres—a reduction of 6 per cent from the total acreage harvested in 1945.

Ontario Feed Dealers in Convention

The Ontario Retail Feed Dealers Ass'n held its third annual meeting at Toronto Dec. 11.

A leading speaker was J. G. Davidson, feed administrator of Canada, who brought a message from Hon. Jas. G. Gardiner, minister of agriculture.

The visitors were entertained by the grain and allied trades at a banquet that wound up the meeting.

Officers chosen for the ensuing year are, pres., Wm. M. Van Sickle, Campbellville; vice pres. rep. western Ontario, E. Stiver, Unionville; vice pres. for eastern Ontario, W. R. Pierce, Almonte; treas., C. A. Martin, Milton. Murray H. McPhail of Campbellville, is permanent sec'y.

Feed Supplies and Needs for Present Feeding Year

Chicago—The Feed Industry Council has just published an authoritative report stating that for the current feeding year there will be a near-balance of high-protein feeds and an easy situation with respect to feed grains.

The balance sheet of feed needs and supplies drawn by the Feed Survey Committee is given in a pamphlet of 23 pages as compiled by 17 leading animal husbandrymen and agricultural economists from colleges and universities over all the United States.

Total requirements for grains and mill feeds were estimated at 109,465,000 tons, which would mean a carryover of 16,620,000 tons at the end of this crop year.

There will be an estimated 10,593,000 tons of high-protein feeds to meet an indicated demand for about 11,690,000 tons, according to the report. In explaining this apparent nine per cent deficit in high-protein supplies, the Council stated:

"This shortage will be taken care of by price, which will accurately reflect the relation between supply and demand and will not only cause a more careful use of protein by feeders, but will close the gap between the estimated demand and supply. It should be noted that the estimated supply of high-protein feeds for the

1946-47 year is somewhat larger than what actually was used last year."

It was pointed out that a recession in prices of farm products would of course have considerable bearing on livestock numbers and feed usage.

Dehydrated Potatoes for Sheep

By M. L. BUCHANAN,
Associate Animal Husbandman, North Dakota
Agr. Exp. Station.

The disposal of low grade potatoes continues to be of importance to the potato industry. Some method of disposing of them is needed that will protect the grower of quality potatoes both in regard to market demand and price and disease control.

Work conducted at this station demonstrated that dehydrated potatoes could replace up to one-half the corn in a hog fattening ration if proper attention is paid to protein and mineral supplements. When fed under the conditions of the station trial, the dehydrated potatoes had a value approximately that of yellow corn.

Since it was demonstrated that dehydrated potatoes have a relatively high feeding value, the North Dakota Research Foundation has developed a process for dehydrating cull potatoes at low cost. This process makes possible production of dehydrated potatoes at a cost comparable to that of feed grains. Plants are now in operation in North Dakota using this low cost process.

In order to further study the value of this product as a livestock feed, trials are continuing at the North Dakota Agricultural College. During the spring of 1946, fifty coming yearling ewes were on a trial comparing yellow corn and dehydrated potatoes.

Since it is known that potatoes are low in protein, the ewes in the lot fed potatoes were fed .24 pound of soybean oil meal per head daily; while those that were fed corn were fed .16 pound of oil meal per head daily. The dehydrated potatoes were found to be extremely palatable—the lambs starting on feed quite readily. The lambs continued to eat up to one pound per head daily with no signs of scouring or other ill effects. The only death loss during the fifty-six day trial was one ewe in the corn lot.

A comparison of the average daily gains in the two lots shows: 0.307 lbs. on corn and 0.225 lbs. on potatoes. This indicates that the potato ration was 73 per cent as effective as the corn ration in promoting gains.

The feeding value of dehydrated potatoes in this trial is slightly below that calculated after the pig feeding trial, where it was found that dehydrated potatoes could replace corn pound for pound up to one-half corn and one-half potatoes.

There is a possibility that the low cost process using a continuous press to remove a portion of the fluid may result in a reduction of feeding value. The lower feeding value of dehydrated potatoes in this trial, 73 per cent, is comparable to the results of Woodman and others who calculated a nutritive value of 79.2 for dehydrated potatoes compared to grain when fed to sheep.

CONCLUSIONS:—The results of this trial indicate that dehydrated potatoes as produced by present process are a palatable feed for sheep. The sheep did well thruout the feeding period and gained at the rate of 0.225 pounds per day on the potato ration as compared to 0.307 on the corn ration. This would indicate that dehydrated potatoes may be used as a substitute for grain in sheep rations if care is taken to provide additional protein and minerals.

With our present scarcity of feed grains and the economic importance of disposing of the cull potatoes, it would seem apparent that dehydrated potatoes can be used as a substitute for grains in both hog and sheep rations.

Adulteration and Misbranding

CHARLOTTESVILLE, VA.—The government seized 142 packages of Stock-O shipped by the Stock-O Co., Inc., for misbranding. Certain label statements were false and misleading since they represented and suggested that the article, when used as directed, would be effected in the treatment of bloody and other types of coccidiosis, colds, brooder pneumonia, cholera, fowl typhoid, roup, limberneck, a run-down condition and other common diseases of poultry; and that it would be effective as a wormer, tonic, and builder. The article would not be effective for such purposes.



**NATIONAL ALFALFA
DEHYDRATING & MILLING CO.**
LAMAR, COLORADO
ST. LOUIS, MO.
CHANDLER, ARIZ. CHARLESTON, MO.
Manufacturers of

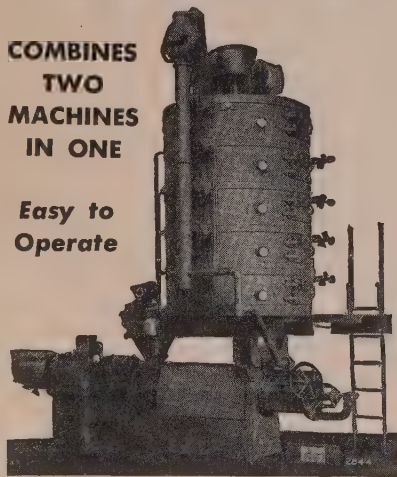


**DENVER ALFALFA
and
PECOS VALLEY
ALFALFA MEAL**

**For Processing
SOYA BEANS**
CORNGERM, FLAXSEED, COTTONSEED, ETC.
FRENCH SCREW PRESS
WITH BUILT-IN COOKER-DRIER

**COMBINES
TWO
MACHINES
IN ONE**

**Easy to
Operate**



**COMPACT EFFICIENT
ECONOMICAL RELIABLE**

Write Today for Full Particulars.

THE FRENCH OIL MILL MACHINERY CO.
PROVA, OHIO, U.S.A.

EAST ST. LOUIS, ILL.—A fine of \$600 was levied on Robert W. Schaefer, trading as the Schaefer Feed Co., charged with adulterating meat and bone scraps by substituting soybean oil meal in whole or part for meat and bone scraps 50 per cent, tagged "Gro-Mor Brand Meat and Bone Scraps."

CHICAGO, ILL.—The Riverdale Products Co. was fined \$75 on the charge of misbranded bone meal, after a plea of guilty. The product was labeled "Chapman's Feeding Special Odorless Steamed Bone Meal," and was found by the government to contain an added poisonous and deleterious substance, fluorine, which might have rendered it injurious to health; and, Section 402 (b) (2), a mixture of phosphate rock and bone meal had been substituted for bone meal.

KANSAS CITY, MO.—The court condemned 237 100-tablet bottles of Kama-Nico shipped by Research Products, Inc., for misbranding, in that the label statement, "Each Tablet Contains: Powdered Extract Kamala . . . 2.50 grs. (equal in drug strength to 7.50 grs. (Powdered Kamala)," was false and misleading since the article did not contain 2.5 grains of kamala extract equivalent to 7.5 grains of powdered kamala. Further misbranding, Section 502 (e), the article contained calomel and its label failed to state that calomel is a derivative of mercury. The products were released for relabeling to Joseph Pogoriler, trading as the Farmers Veterinary Supply Co.

BARRINGTON, ILL.—Twenty bags of Singer's Earth Crust Minerals shipped by the Chain of Lakes Duck Farm of E. Albert Singer were seized and ordered destroyed for misbranding in falsely representing in the label the article would be effective in keeping livestock and poultry healthy, and in removing any species of worms from the intestines of livestock and poultry; that it would prevent poor digestion, loss of appetite, a run-down condition, and diseases in general; that it would lower mortality; that it would prevent the disease condition of poultry known as range paralysis; and that its use would save feeding costs; whereas the article, while it might furnish small amounts of certain food minerals, would not be effective for the purposes claimed.

QUINCY, ILL.—The Williams Stock Medicine Co. shipped 73 bags of Williams Horse, Cattle and Sheep Medicine, and Williams Hog Medicine that the government condemned and the court ordered released under bond, for misbranding, as the statements on an inclosed leaflet were false and misleading. Examination of a sample of the Horse, Cattle and Sheep Medicine disclosed that the product consisted essentially of 50 per cent salt, 16 per cent glauher salt, three per cent soda, three per cent calcium carbonate, charcoal, and plant material, including 0.014 per cent of nicotine. Examination of a sample of the Williams Hog Medicine disclosed that the product consisted essentially of 58 per cent glauher salt, 25 per cent calcium carbonate, five per cent soda, one per cent salt, charcoal, and plant material, including 0.01 per cent of nicotine.

Grain and Feed Trade News

[Continued from page 29]

Denton, Tex. — Morrison Milling Co. announced a \$425,000 five-year expansion program has begun, to include a new packing department with automatic machinery for small-sized packages. The second unit will be a modern mixed feed plant. The third will be a new storage elevator and next will be an increase to the company's warehouse facilities.—E. W. F.

Robstown, Tex.—A grain elevator and drier at the South Texas Seed & Feed Co. were destroyed by fire which caused damage estimated at \$20,000. Approximately 15,000 lbs. of grain which were in the drier were undamaged by the fire, which took its main losses in the drying equipment and grain elevator machinery. Part of the loss was covered by insurance, Phillip Lachs, co-owner with K. J. Williams, said.—H. N.

Fort Worth, Tex.—Edwin E. Bewley, 65, chairman of the board of Bewley Mills, Inc., died Dec. 21. He had never recovered from an operation he underwent Oct. 9. On the death of his father, M. P. Bewley, founder of the mills, in 1909 he became president and active manager of Bewley Mills, continuing in that capacity until 1925, when he became active vice-president of the Fort Worth National Bank, giving up his duties in the mill.

McAllen, Tex.—Approximately 1,000 lbs. of dehydrated leaf and stem meal was produced by the first buckwheat harvest in the Rio Grande Valley from 20 acres grown south of McAllen by the firm of Cabot, formerly Valley Vitamins, Inc. The dehydrated leaf and stem meal will be shipped to a northern drug firm for the extraction of a new medical drug, rutin. An experimental enterprise, the buckwheat yield was light, L. M. Salmon, plant superintendent, said. The field produced about two trailer loads of green foliage. The buckwheat dehydration was accomplished at a lower temperature than that used for alfalfa in order that the rutin contained in the stems and leaves would not be damaged by heat.—H. N.

Gainesville, Tex.—The oldest local business establishment, the Whaley Mill & Elevator Co., which was started as an oxen powered tread-mill in 1869, was sold Jan. 10 to the Fant Milling Co. of Sherman, Tex. by the Kimbell Diamond Mill of Fort Worth. J. O. A. Whaley, who founded the business, built the first steam-powered mill here in 1882. When the mill was destroyed in 1896, Whaley and his nephew, J. C. Whaley, bought the Brady Bros. Mill on the present site. J. O. A. Whaley died in 1909 and J. C. Whaley was president of the company until his death in 1937. Fred Honea of Dallas succeeded him and remained here until the property was sold to the Kimbell Diamond firm about three years ago.—P. J. P.

WISCONSIN

Fall River, Wis.—The grain elevator owned by Wayne Moore was destroyed by fire early Jan. 4, the flames spreading to the J. L. Engleke feed and fertilizer warehouse adjacent, destroying large quantities of alfalfa and clover seed and wheat. The elevator contained little grain. Fire loss was estimated at more than \$20,000.

Merrillan, Wis.—The Merrillan Feed Mill, which was owned and operated by the late Robert Hamilton for 28 years, has been sold by Mrs. Hamilton to Vernon Knecht, John Mc Gillis and Finley Kidd of Eau Claire.



**Corn Gluten Feed, Corn Oil Cake Meal,
Brewers' Dried Grains Malt Sprouts
ANHEUSER-BUSCH, INC., ST. LOUIS**

Milwaukee, Wis.—Harold H. Hicks, 62, vice-pres. and general manager of the Stratton Grain Co., died Dec. 31 at Statesan Wales, Wis., where he had been a patient at the sanitarium for four months. Mr. Hicks was associated with the grain firm for 24 years. He was a member and past president of the Milwaukee Grain & Stock Exchange.

Muscoda, Wis.—Francis Davis of Richland Center recently purchased the feed mill operated by Floyd Fleming, local feed and farm machinery dealer, and has taken over the business. He will operate as the Davis Feed Mill, continuing to do feed grinding, and will handle the full line of Cargill Feeds. Mr. Fleming will continue to operate his farm machinery business.

Superior, Wis.—The new grain elevator of the Great Northern Railway Co. was about 90 per cent completed the week of Jan. 5 and the structure should be ready for grain receipts early in March. C. O. Hooker, railway superintendent, has announced. Original plans call for completion of the project to handle last fall's grain business but shortage of materials and machinery slowed down construction work. The new elevator which comprises 36 bins, each 22 ft. in diameter and 110 ft. high, will have a capacity of about 1,500,000 bus. of grain. About 60 workmen are now engaged in giving the structure finishing touches, installing machinery and completing the overhead conveyor belt bridge to elevator S also owned by the railway company. The bridge, 1100 ft. long, will allow shifting of grain from elevator to elevator. Among other innovations installed are automatic car dumpers which will speed up unloading of grain.

WYOMING

Torrington, Wyo.—Bob Ashburn is new manager of the Goshen Elevator in South Torrington.

Casper, Wyo.—The Wyoming Grain, Feed & Seed Dealers Ass'n will hold its annual convention here June 23 and 24.

Wheatland, Wyo.—The Wheatland Elevator recently was remodeled. New flooring was put in, plastering done and windows replaced.

B. C. Feed Mfrs. in Drive for Bags

The British Columbia Feed Manufacturers Ass'n recently elected J. H. Hilliker of Kamloops as chairman, succeeding A. D. McRae, who has disposed of his business. J. K. Clarke of Vancouver was named vice chairman for the unexpired term. R. V. Robinson of Vancouver is sec'y.

The serious shortage of bags has led the Ass'n to sponsor a drive among feed manufacturers and dealers for the return of used bags. In a letter sent to all dealers in the province by the Ass'n it is pointed out that rising costs and removal of ceilings on second-hand bags by the United States have added to the difficulties of the situation.

Feed Movement in December

Receipts and shipments of feed at the various markets during December, compared with December, 1945, in tons, were:

	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	8,444	4,625	.....	.....
Chicago	20,398	46,770	36,667	53,782
Kansas City	4,800	2,580	32,280	30,720
Milwaukee	330	570	14,280	20,180
Minneapolis	.....	.....	66,000	77,610
Minneapolis*	4,025	4,375	8,225	6,160
Minneapolis†	.....	.....	34,080,000	35,220,000
Wichita	.....	.....	6,871	9,199

*Screenings. †Linseed meal (lbs.).

Check Sample Work Continued in 1947

At a meeting in Washington it was requested that the American Feed Mfrs. Ass'n and the Ass'n of American Feed Control Officials continue collaborative work on feeds.

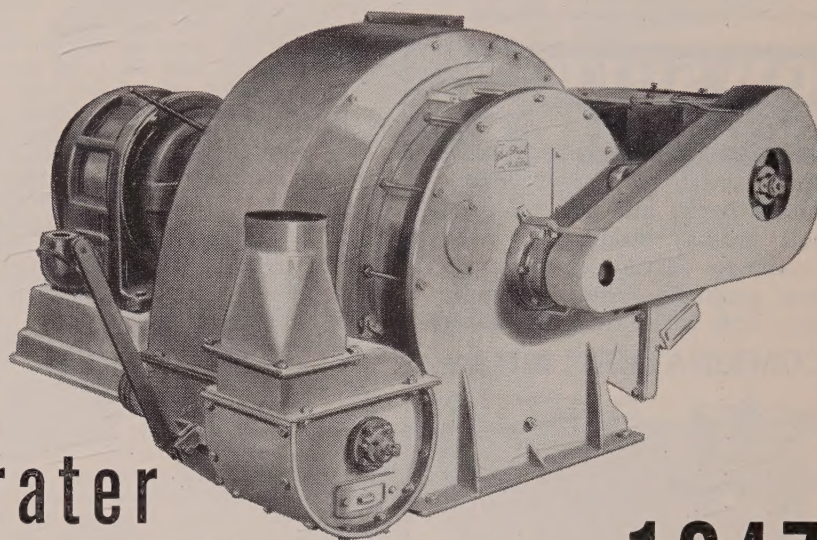
A series of 6 samples prepared by Law & Co. of Atlanta, Ga., will be forwarded at intervals during the year. The cost of \$10 remains the same.

Feed manufacturers collaborating in this work have been receiving each month a statement showing the analysis made, which is interesting and helpful. Further co-operation is desired and the cost is only \$10 a year. Those who are not now collaborating may come in by sending a request for enrollment, with a check for \$10, to L. E. Bopst, sec'y-treas., Association of Feed Control Officials, College Park, Md.

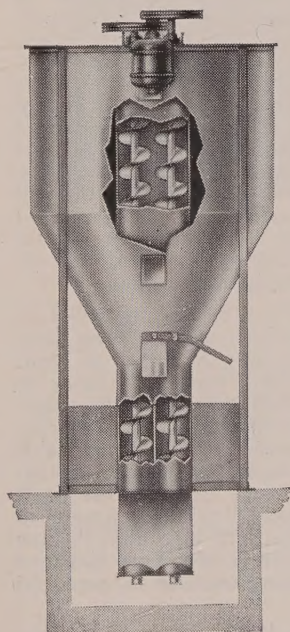
Fewer Lambs to Be Fed

Recorded shipments of feeder lambs into the corn belt states in November were smaller than in November last year and the smallest for the month since 1941. For the 8 states whose records cover inshipments both from markets and direct, the total this year was 304,000 compared with 315,000 last year. For the 4 months July thru November, the total movement into these 8 states was about 2,550,000 head, a reduction of 8 per cent from last year and the smallest total in the 8 years of record.

Present indications point to increased lot feeding in Indiana, Iowa, and Missouri, not much change in Ohio, Illinois, and Michigan, some decrease in Wisconsin and South Dakota, and sharp decreases in Minnesota and Nebraska. The decrease in Nebraska seems to be general both in the Scottsbluff area and over the rest of the state.—U.S.D.A.



Prater Processing Equipment for 1947



BLUE STREAK MILLS MIXERS CORN CUTTERS

Blue Streak Mills and Mixers set the standard on every roll call for the custom milling and feed mixing industries. The line includes:

- Standard Blue Streak Grinders
- Blue Streak Advance "A" Series Mills
- The Mills that produce the Granular Grind
- Blue Streak Corn Cutters
- Blue Streak Twin Spiral Vertical Mixers
- The Mixers that Produce a Perfect Blend in 1/2 the time
- Crusher feeders, Prater Permanent Magnets, Electric Motors, Cyclone Collectors and all Auxiliary Equipment

Write on the equipment that interests you

Blue Streak

PRATER PULVERIZER COMPANY

1515 S. 55th Court

Chicago 50, Illinois

Significant Factors in Poultry Nutrition

By DR. H. M. SCOTT

of University of Connecticut
before New England Feedmen at
Durham, N. H.

FIBER—It is becoming increasingly apparent that high fiber diets and rapid efficient growth are not compatible. It has not been possible to demonstrate that fiber per se, when added to a purified diet improves the growth of chicks. In this experiment all factors were held constant, including the

energy content so that the only variable was the presence or absence of fiber. Even on a fiberless diet there is considerable food residue (23 per cent of the dry matter ingested) that is excreted and this appears to provide all the bulk that is necessary for the physical well being of the chick. Therefore, where rapid growth is of paramount importance, as for example with broilers; it is reasonable to assume that rations will be designed to carry the lowest practical level of fiber. This level is probably in the neighborhood of 2.5 to 3.0 per cent.

SOYBEAN OIL MEAL — It would appear that animal proteins per se, are not required for the optimum growth of the chick and that soybean oil meal of good quality will, if included in the diet at high levels, meet the amino acid requirements of the chick. However, there is evidence for the presence of a factor or factors in some animal proteins, non-protein in nature, which improves the efficiency of a corn-soybean meal diet. Of great significance is the work demonstrating that the same factor operating to depress hatchability also influences the viability of chicks hatching from eggs produced by breeders receiving a high (30 per cent) soybean oil meal diet. From 16 to 38 per cent of such chicks die during the first week of life and supplementation of the chicks' diet is not effective in reducing the mortality. If the soybean oil meal breeder ration is supplemented with sardine meal, this high post hatching mortality does not occur.

HIGH PROTEIN STARTERS—It has been demonstrated that chicks receiving a 30 per cent protein ration for the first week only, gained an initial advantage in growth during that first week, over the 21 per cent protein fed chicks, which was sustained at eight weeks. No advantage accrues from feeding the high protein mash for more than one or two weeks. A broiler starting ration, to be used for the first week only, containing 30 per cent protein, may be a reality in the near future.

SYNTHESIS OF DIETARY FACTORS—That the synthesis of nutritional factors by the micro-organisms present in the intestinal tract of the chickens may be of far greater importance than previously thought, now seems to be apparent. While much of the work has been done with laboratory animals other than the chick, it is clear that the composition of the diet can alter the intestinal flora in a manner so as to inhibit the synthesis of nutritional factors. In chicks, for example, high corn diets, which are known to depress growth, will give excellent growth when supplemented with nicotinic acid. The inference is that corn will prevent the synthesis of this vitamin by intestinal micro-organisms.

AVAILABILITY OF PHOSPHORUS—While both the chick and the turkey poult can utilize the phytin phosphorus of plant origin for growth this does not appear to be true for bone formation. During the starting period the diet of the poult must contain about 0.60 per cent of readily available phosphorus to promote satisfactory calcification. When either the chick or the poult is forced to rely upon phytin phosphorus to meet the requirements for this mineral, then activated animal sterols are more effective in producing calcification than is pure cod liver oil.

WASHINGTON, D. C.—The egg-feed price ratio probably will be below 1946 during the first half of 1947. Egg prices at support levels will be higher this spring than in the spring

of 1946, but feed prices will probably be higher by a relatively greater amount. In December, prices paid by farmers for poultry ratio averaged \$3.54 per 100 pounds, 12 per cent above the January-June, 1947 average.—U.S.D.A.

WASHINGTON, D. C.—Specific recommendations covering price support for eggs and turkeys in 1947 were made by the Poultry Industry Advisory Committee at its initial meeting with U. S. Department of Agriculture officials, Jan. 13 and 14. Committee recommendations (1) that purchase of dried whole eggs be continued as a basic means of price support to be supplemented by the purchase of frozen eggs; (2) that driers and breakers be permitted to establish a backlog of shell eggs if necessary; and (3) that the support program be conducted so as to reflect a national annual average farm price to producers of 90 per cent of parity.

Poultry Conference at Kansas City

Feb. 2 to 4 the Institute of American Poultry Industries will hold a fact-finding conference in the Municipal Auditorium at Kansas City, Mo.

Government in business is a topic assigned to August H. Andresen, representative in Congress from Minnesota.

A banquet will be given the evening of Feb. 3.

The final day will be devoted to panel discussions.

A special train will leave Chicago at 10 a. m., Feb. 1 in time for the opening, including open house 7 p. m. at the Hotel President.

Delaware Poultry Conference

The annual University of Delaware poultry feeding conference was held Dec. 9 in the Hotel Rodney at Wilmington, Del. Discussions were led by college and university poultry department officials.

Feed tonnage and field reports were made by J. J. Baker, Georgia Cotton Growers Ass'n; H. L. Gartner, Ohio Farm Bureau; C. A. Green, Pennsylvania Farm Bureau; W. G. Mohorne, North Carolina Farmers Co-operative Exchange; and J. E. Givens, Southern States Co-operative, Baltimore.

S. J. Beyhan of Co-operative Mills, Baltimore, reported on the feed ingredient situation, while C. D. Caskey of Southern States spoke on "Formulae and Formulae Changes."

A discussion on salt in poultry mashes was led by R. R. Murphy of the Pennsylvania State College Poultry Department. G. M. Briggs of the University of Maryland was discussion leader for the topic "Enzymes in Poultry Nutrition."

A. E. Tomhave of the University of Delaware, presided at the conference, discussed the broiler industry in Delaware and the Peninsula at the afternoon session. A. F. Kish, also of the Animal and Poultry Department, spoke on poultry nutrition.—P.J.P.

Hay Movement in December

Receipts and shipments of hay at the various markets during December, compared with December, 1945, in tons, were:

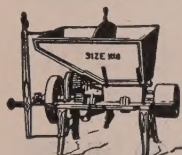
	Receipts		Shipments	
	1946	1945	1946	1945
Baltimore	55	1,093	43	.....
Chicago	3,845	7,220	1,484	1,299
Ft. Worth	154	308	.....	.....
Kansas City	5,436	9,450	3,258	6,228
Portland	471	344	.....	.....
Seattle	1,485	3,465	.....	.....

CHECK YOUR FORMULAS with Laboratory Analyses
Protein, Fat, and Fibre —Feed or Grain— Analyzed at Reasonable Rates
Runyon Testing Laboratories
1106 Board of Trade, Chicago, Ill.
"Runyon Analyses Help Sell Feeds"

BOWSHER Crush Grind Feed Mills Mix

Rapidly crush ear corn (with or without husk) and grind all the small grains; either separately or mixed—mixed as they are being ground — not before or after. This saves time and labor.

"COMBINATION" MILLS



Use the famous Cone-Shape burrs. Light Draft. Large Capacity. Solidly Built. Long Life. Special sizes for the milling trade. Sacking or Wagon Box Elevator. Circular on request.

THE N. P. BOWSHER CO.
SOUTH BEND INDIANA



One Machine or Complete Feed Mill Equipment

● Kelly Duplex, with more than 60 years experience, is well equipped to help you plan and to build the mill machinery you need. They will be glad to help you with your problems. Whether you are purchasing only one machine or equipping a mill complete, get suggestions and estimates from Kelly Duplex.

WRITE FOR CATALOG

KELLY DUPLEX

The DUPLEX MILL & MFG. CO.
SPRINGFIELD, OHIO

Dehydration Very Promising

The South Dakota Natural Resources Commission has issued a bulletin "Opportunities for Dehydrating and Meal of South Dakota Grasses and Hays," giving results of experiments.

The experiments, sponsored by the Commission, found that brome grass meal is "equal if not superior" to alfalfa meal for poultry. Western wheat grass also showed "definite promise."

The bulletin, stated that if the preliminary findings are confirmed by future experiments "thousands of tons of native grass now unused can be utilized by dehydration and marketing in the more concentrated form."

Hatchability Increase by Manganese

At the Texas station it has been proved that the common practice of feeding four ounces of manganese sulfate per ton of mash to laying and breeding hens is justified by the better results the practice produces. When an all-mash ration made of common feed ingredients was used, egg production of pullets was not increased by the addition of manganese. Hens in their second year of production, however, laid 39 percent more eggs when they received added manganese in their mashes.

Hatchability of hen eggs was increased by 22 percent and of pullet eggs by 8 percent, and fertility of both hens and pullets was increased, although not so much in pullets as in hens, when they received manganese. These results indicate that manganese has a more beneficial effect on hens than on pullets. In addition, it was found that less vitamin D was required by poultry when manganese was added to the ration.

Ohio Poultry Council Annual Roundup

Plans now completed for the annual meeting of The Ohio Poultry Council to be held at Ohio State University on Monday, Jan. 27, feature new facilities at Ohio State University's College of Veterinary Medicine for poultry disease diagnostic work. Dean W. R. Krill and Dr. William Ingalls will explain the work of the laboratory, and Dr. Clarence Cole will review the status of Newcastle Disease in Ohio.

Dr. R. George Jaap, internationally known authority on poultry breeding, will appear on the program in his new role as Professor of Poultry Breeding at The Ohio State University.

Professor Dakan will report on initial steps in research now in progress thru the Poultry Research Fund.

Committee chairmen will review the activities of the Council during 1946. The Council will select its trustees and officers for 1947. A. L. Everitt of Delaware, O., is retiring as president after serving in this capacity for two years.

"WE CAN'T use the world for a dumping pot—if we ship, we must buy. We must work out some practical means for international trade or we will all suffer. This may well take the form of multilateral agreements."—N. E. Dodd, undersecretary of agriculture.—F. K. H.

Philadelphia, Pa. — Pratt's Worm Powder shipped by the Pratt Food Co. was condemned and ordered destroyed by the court on a finding that certain label statements were false and misleading since they represented and suggested that the article would be effective for the removal of all species of worms which infest poultry, and that it would be effective against cecal worms in poultry, whereas it would not be effective for such purposes; and the label statement, "Active Ingredients * * * Phenothiazine 12.00 per cent" was false and misleading.

Bureaucrats Split on Molasses Control

Yielding to the reasonable recommendations of the feed industry the U. S. Dept. of Agriculture proposed that price and allocation control over blackstrap molasses be discontinued, only to have its plan blocked by the Civilian Production Administration.

An appeal will be made to John Steelman, director of the Office of Temporary Controls.

GOVERNMENT, after 14 years of New Deal bureaucracy, has reached the point where one out of every eight of the population draws a federal pay check each month. It costs each and every employed worker in the United States an average of \$50 a month to carry the tax load of the 16,167,856 employees on government payrolls.

Cobalt Deficiency

Cobalt is truly a trace element. One or two ounces will last a cow for a lifetime. Yet an insufficiency may cause such symptoms as depressed appetite, depraved appetite, constipation or diarrhea, rough hair coat, scaliness of skin, muscular incoordination, gauntness, loss of flesh, pale mucous membranes, decreased milk flow, retarded growth, and sometimes death.

Insufficient quantities of cobalt have been found in roughage in some of the New England states, Florida, Michigan and Wisconsin. According to the Nutrition Council of the American Feed Manufacturers Ass'n. the areas involved usually are small.

MONEY in circulation increased \$144,000,000 during the week ending Dec. 24, to a new peak of \$29,163,000,000. This is \$514,000,000 more than a year ago, and spells inflation and consequent higher prices for commodities.



EXTRA

Savings

FOR YOU !



FORDS

Industrial Hammermill

40 to
150 H.P. Cap.
All Steel,
Welded

Mill owners with FORDS Hammermills report big savings in power costs. In actual on-the-job tests, the FORDS used less than *half* as much electric power per cwt. of grinding as other well-known hammermills tested. Here are the reasons:

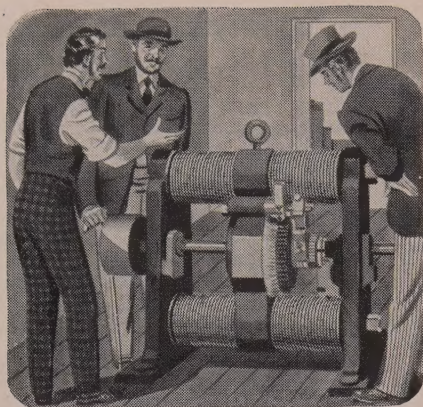
1. Scientifically designed rotor with correct hammer speed for most efficient grinding.
2. Perfectly balanced—reduces power wasting vibration and breakage.
3. All steel construction reduces weight, yet is stronger.

A FORDS actually pays for itself with the power it saves. Let us send you complete information and prices. Write . . .

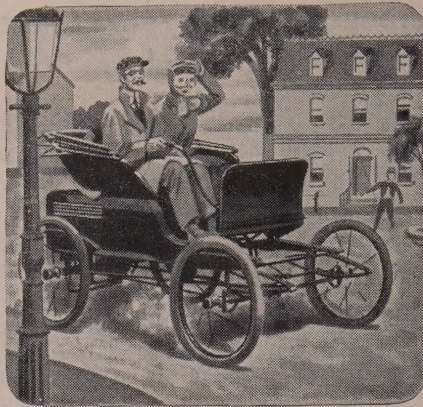


FORDS PORTABLE HAMMERMILL

MYERS-SHERMAN CO., 1403 12th St., Streator, Ill.



1 1870—The first electric motor was discovered by accident. Its invention revolutionized the lives of millions. Graphically, here's how its development changed you from a walker to a rider.



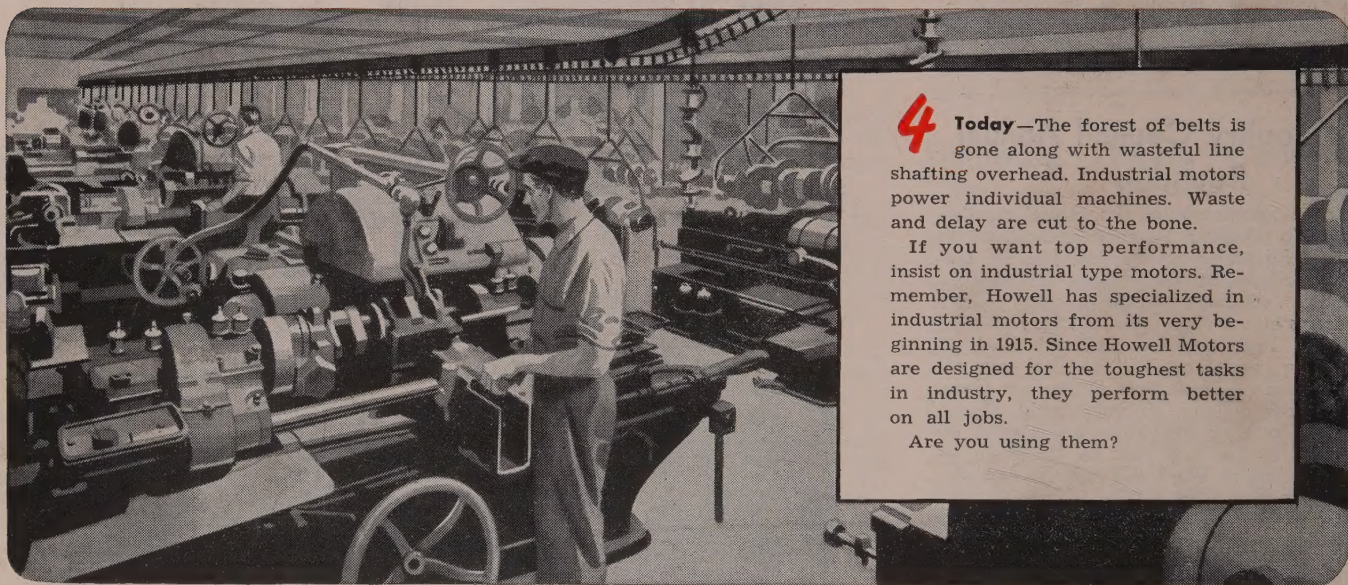
2 1897—The first automobiles were built by "hand." They were a luxury for the few. Mass production methods with batteries of electrically driven machines to cut manufacturing costs were still to come.



3 1925—Mass production had arrived. Machines driven by electric motors were more extensively used. Prices of cars came down. Walkers became riders. But shops looked like a forest of belts.



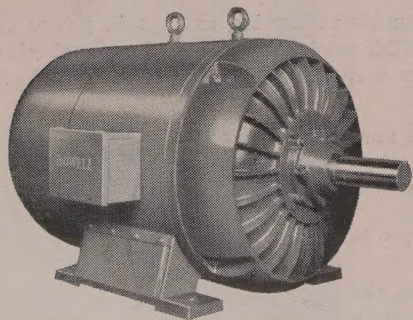
"Presto! and out went the forest of belts"



4 Today—The forest of belts is gone along with wasteful line shafting overhead. Industrial motors power individual machines. Waste and delay are cut to the bone.

If you want top performance, insist on industrial type motors. Remember, Howell has specialized in industrial motors from its very beginning in 1915. Since Howell Motors are designed for the toughest tasks in industry, they perform better on all jobs.

Are you using them?



Howell Enclosed, Fan-Cooled Motor—Type K, available through 125 h.p. Also a wide range of other Howell industrial type motors up to 150 h.p.

HOWELL MOTORS

HOWELL ELECTRIC MOTORS CO., HOWELL, MICH.
Manufacturers of Quality Industrial Type Motors Since 1915

